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W. S. C. FAMOUS PEERLESS
CUCUMBER
Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb.
1b. \$2.00 Postpaid.

SEASON
1924

W. S. C. PRIDE OF THE
MARKET CARROT
Pkt. 10c; oz. 20c;
 $\frac{1}{4}$ lb. 60c; 1b. \$2.00
Postpaid.

FEB 12 1924

W. S. C. COPENHAGEN
MARKET CABBAGE
Pkt. 10c; oz. 35c;
 $\frac{1}{4}$ lb. \$1.00; 1b. \$4.00
Postpaid.

WILLIAMS' INFORMATION BOOK ON
GARDENING AND FARMING
WILLIAMS SEED COMPANY, INC.
69-71 COMMERCIAL PLACE - NORFOLK, VA.

BRANCH
STORE
PLANT
CITY
FLORIDA

W. S. C. SPECIAL GLOBE
TOMATO
Pkt. 15c; oz. \$1.50; $\frac{1}{2}$ lb. \$5.00;
1b. \$15.00. Postpaid.

Williams' Lawn Grass Seed

THE essentials for a fine lawn are: First, a rich, well drained soil; second, careful preparation of the ground, making it as fine and smooth and mellow as possible; third, wise selection of seeds; fourth, sowing at such time as to give the young plants a chance to become well established before being subjected to very dry or cold weather or to the direct rays of the hot summer sun. However much care is bestowed on the soil and seed, no lawn will be beautiful without frequent mowing and rolling. Too much care cannot be bestowed upon the selection of grasses, as some varieties are the most luxuriant in the spring, others in summer, others again in autumn and a combination of the proper sorts is required for a perfect, carpet-like lawn. It may be planted early in spring or fall and should be sown at the rate of 80 to 100 pounds per acre. If sown in the spring, sow as early as possible, making the surface very fine and smooth, then raking it over and sowing the seed just before a rain, which, if the surface has just been raked, will cover the seed sufficiently. For fall seeding sow before the autumn rains and early enough to enable the young grass to become well established before very cold weather, when a light dressing of manure should be given.



Williams' Emerald Lawn Grass Seed

This famous Lawn Grass Seed Mixture has been thoroughly tested and proved the best for our Southern climate. The seed should be sown thickly on newly raked or harrowed surface, covering with soil about one-quarter inch deep. This may be accomplished by raking the surface first in one direction and then in an opposite direction. When the raking is finished roll the ground thoroughly with a heavy iron roller.

Williams' Special Fertilizer applied as a top dressing every few months will produce the much desired fine green surface.

Sow 1 lb. to every 300 square feet; 100 lbs. to the acre.
Price: 1 lb. 45c; 2 lbs. 80c; 5 lbs. \$2.00; 10 lbs. \$3.75;
20 lbs. \$7.25; 100 lbs. \$35.00. Prepaid parcel post or express.

Raw Ground Bone for the Lawn

This is moderately fine and particularly adapted for general fertilizing; the finer particles are immediately beneficial, the coarse keeping up the supply of plant food for a long period. **Price: 5 lbs. 40c; 10 lbs. 75c; 100 lbs. \$4.00. Not prepaid.**

Shady Place Lawn Seed

There is nothing more annoying in caring for a lawn than the bare, unsightly spots under the trees, shrubs, etc., and invariably all efforts have failed to get the grass to grow in such places; but, by sowing this mixture, the difficulties will be overcome. **Price: 1 lb. 45c; 2 lbs. 80c; 5 lbs. \$2.00; 10 lbs. \$3.75; 20 lbs. \$7.25. Postpaid.**

Sheep Manure, Pure Pulverized

A pure, natural, nutritious manure. Immediate and lasting in effect. Excellent for mixing with the soil for greenhouse plants. In the vegetable-garden it promotes a rapid, steady growth until maturity. It makes a rich liquid manure. Quantity required: For garden and field crops, one to two tons to the acre; one-half before plowing, the balance before harrowing. For top-dressing grass, use one ton to the acre, applied in fall or early spring. **5 lbs. 25c; 10 lbs. 45c; 25 lbs. \$1.00; 100 lbs. \$3.00. Not prepaid.**

Catalog ORDER SHEET for Williams' Seeds, Bulbs, Plants, Etc.

WILLIAMS SEED COMPANY, Inc.

Seeds with a “GROWING” Reputation

69-71 Commercial Place, Norfolk, Va.

Send by **Date** **1924**
State if wanted by Parcel Post, Express, Freight or Steamer.

To (Name).....
Mr., Mrs. or Miss; write name very plainly.
P. O. Box Street

P .O. Box, Street
or Rural Delivery

Post Office . . .

County..... **State**.....

Station or Express Office
(Only if different from P. O.)

VERY IMPORTANT. Write your name very plainly and give your Post Office, County and State in full every time.

Money Enclosed.	Amount.
Bills or Silver..... (Register the letter)	
Draft or Check.....	
Ex. Money Order.....	
Post Office Order.....	
Postage Stamps.....	
Total.....	

If goods
are wanted
C. O. D. 25
per cent of
the amount
must accompany
the order.

Please do not ask questions on this order sheet, but write them, and all communications requiring an answer on a separate sheet and enclose with order, to insure a more speedy reply.

SEE OTHER SIDE.

Please write below the names and addresses of a few of your friends who are interested in and buyers of Seeds.

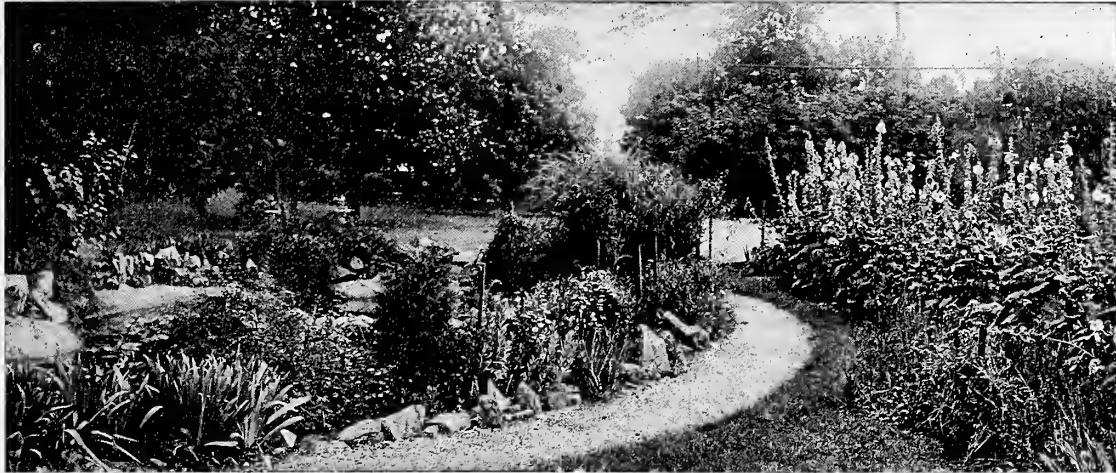
NAME	POST OFFICE	COUNTY	STATE

Please Do Not Write in This Space

Route shipped by....., Date shipped..... 1924

In. Pkgs., Bundles, Boxes, Crates, Baskets, Bbls., Bags.

Laid out by....., Checked by....., Reply required by.....



Williams' Seeds With a "GROWING" Reputation

ANNUAL MESSAGE TO OUR PRESENT AND FUTURE CUSTOMERS:

We are on the threshold of another sowing season and we take pleasure in placing before you our 1924 "Information Book on Gardening and Farming."

Williams' Seeds are living up to our slogan "Seeds With a 'GROWING' Reputation" as the hundreds of letters of commendation in our files from satisfied customers in different sections of the country testify.

The selection of seed stocks is exceedingly important and we spare neither time nor expense in endeavoring to improve upon what we now own, but also to test out new varieties before cataloguing same. You will note items marked W. S. C. are our own Specialties upon which we bank our reputation.

Gardening is recommended to all as the most fascinating, congenial form of open-air exercise. Besides the great health building results that are sure to ensue from a short time each day at garden work, you will be delighted at the results of your crops and the saving in household expenses from same. It is a pleasure to us to serve you and any information desired we will gladly give.

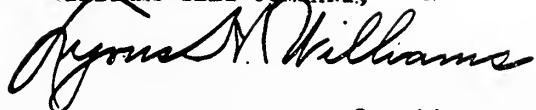
Our mail order department is well equipped to handle our increasing business; however, we would ask you to send in your orders at your earliest convenience, to enable us to give proper attention to same.

We again wish to call your attention to the 25-Cent Profit Sharing Coupon which has proved extremely popular.

With best wishes for a successful year and prosperous 1924, we are,

Very truly yours,

WILLIAMS SEED COMPANY, INC.



President.

Norfolk, Virginia,
January 1, 1924.

Mail Orders Our Specialty

HOW TO ORDER AND REMIT—READ CAREFULLY

Our Free Delivery Offer

EARLY ORDERS. Kindly send in your order as soon as convenient after receiving catalog. Our rush season comes in the months of March and April. Orders sent as early as possible secure the promptest shipment and from our complete stocks.

SEEDS POSTPAID BY MAIL. Remember that the prices given in this list include delivery of all seeds in packet, ounce, quarter-pound, pound and two-pound lots of beans, peas and corn, except where noted. Send us the amount named in this catalog, and we guarantee safe delivery by mail in these quantities.

Purchasers pay transit charges on larger quantities of seeds, onion sets, potatoes, fertilizers, garden implements, poultry supplies and plants.

Remittances may be made by Express Money Order, P. O. Money Order or Bank Draft; if stamps or cash send in a Registered Letter. We must decline sending goods C. O. D. unless 25 per cent of their value accompanies the order.

STAMPS. On orders of seeds where the amount is less than 50 cents, we will accept U. S. Postage stamps in good condition (one, two, three and five-cent stamps preferred), the same as cash, but we would ask those remitting stamps to wrap them in oiled paper, if possible, to prevent their sticking together or to the order.

PARCEL POST RATES

DOMESTIC PARCEL POST RATES

On Seeds, Plants, Bulbs, Roots, Books, Tools, etc.
within the U. S. and Possessions.

First Zone, Norfolk and within 50 miles of Norfolk
Second Zone within 50 to 150 miles of Norfolk
Third Zone within 150 to 300 miles of Norfolk
Fourth Zone within 300 to 600 miles of Norfolk
Fifth Zone within 600 to 1000 miles of Norfolk
Sixth Zone within 1000 to 1400 miles of Norfolk
Seventh Zone within 1400 to 1800 miles of Norfolk
Eighth Zone all over 1800 miles of Norfolk

First pound or fraction	Each Ad- ditional Pound or Fraction
5c	1c
5c	1c
6c	2c
7c	4c
8c	6c
9c	8c
11c	10c
12c	12c

Accounts. Parties having no account with us—who order goods without making remittance—must furnish satisfactory reference.

We make no charge for shipping and carting of goods to any railroad station, steamship line or express office.

We make no charge for packing cases, baskets or barrels. We charge for cloth bags only, and these at cost. $\frac{1}{4}$ bu., 10c; $\frac{1}{2}$ bu., 15c; 1 bu., 25c; 2-bu., 40c.

Every time you order seeds or write to us, be sure and write your name, post office and State plainly. Hundreds of orders are delayed every year because the sender forgets to sign his name or give his post office address.

PARCEL POST. Customers living on R. F. D. routes, and beyond express delivery, will aid us by stating: "Goods reach us by Parcel Post only," to avoid mistakes in sending by express.

THE CONVENIENT ORDER SHEET which is furnished with the catalog should always be used, and we will take pleasure in supplying duplicates whenever requested.

Counter Customers. We suggest to those who purchase in person at our store the advantage of having their lists made out before they call. In any case it is a great saving of time to the purchaser. The list should have full name and address written on it so that our catalogs may be mailed to the purchaser as issued. We also urge early purchases. January and February are good months in which to purchase.

Error in the Filling of Orders. We use the greatest care in filling, checking and packing orders. Yet should anything be omitted we will promptly forward when advised. Keep a duplicate copy of your order for comparison.

Testimonials from Customers. We are always pleased to hear from our customers regarding the results of their gardens. Photographs of gardens and particularly of vegetables and flowers, are thankfully received by us.

Questions and Correspondence. We endeavor to answer promptly all letters of inquiry—which should be on separate paper from orders.

THE WILLIAMS SEED CO., INC., while exercising the greatest care in selecting seeds, bulbs, roots or plants they send out, give no warranty expressed or implied as to purity, description, quality, productiveness, or any other matter of same, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Prices quoted in this catalog are subject to change without notice.

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GARDEN AND FARM OPERATIONS FOR EACH MONTH

We give below Monthly Instructions for the Garden and Farm. These Hints are compiled for Southern States.

January

The ideal exposure for a vegetable or flower garden is south or southeast and for satisfactory results a suitable soil, pure seed and clean culture are essential.

Cabbage, Lettuce, Radish, Beet, Cauliflower and Onion may now be sown in the hot-bed. Top dress asparagus beds with manure. New beds should now be made. This is a good month to obtain canes for staking peas, tomatoes and beans, hauling manure and making necessary repairs. Prepare hot-bed frames for use next month.

FARM SUGGESTIONS. Top dress with manure grass or clover fields and fall sow grain. If weather permits, use every opportunity to prepare land for spring crops.

Now is the time to look over the catalog and make out your seed order. Don't wait until planting time arrives.

February

Sow in the hot-beds or cold frames early cabbage, cauliflower, beet, onion, lettuce and radish. In the hot-bed, eggplant, pepper and tomato. After the 20th of the month, weather permitting, sow in the open ground early varieties of peas, spring kale, beet, spinach, carrot, celery, radish, parsley, etc., also rhubarb and horse radish roots.

Hardy varieties of flowers such as snapdragon, phlox, pansy, sweet william, pinks, hollyhock and poppy can now be sown in the hot-bed or in shallow boxes in the house for later transplanting to the open ground. Now is the time to fix up the lawn and sow **Williams' Emerald Lawn Grass**. This grass is especially prepared for the southern climate. Top dress the lawn every few months with **Williams' Special Lawn Fertilizer**; this will produce the much desired fine green surface.

FARM SUGGESTIONS. Prepare plant beds and sow Canada field peas and oats. Towards the end of the month grass and clover seeds can safely be put in. Sow dwarf essex rape for sheep grazing.

Send in your order now for seeds, fertilizers and garden implements. Don't wait till the spring rush comes along.

March

This is the busiest month of the year for garden or farm work. All varieties of hardy seeds can be sown now. Sow garden peas for succession, cauliflower, early cabbage, onion, celery, spinach, leek, parsley, lettuce, radish, beet, asparagus, carrot, parsnip, salsify, corn salad, collards, kale, early turnip, etc.

Under glass sow tomato, pepper and eggplant seed.

Plant Irish potatoes, asparagus, rhubarb and horse radish roots, also onion sets. Set out cauliflower, lettuce, onion and cabbage plants from the hot-bed, after the plants have been hardened by leaving the glass over the frames open at night. Sow all varieties of herbs in a warm, sheltered place. Prepare melon, cucumber and squash hills for later planting. All varieties of hardy annuals, also perennial flower seeds

such as alyssum, snapdragon, foxglove, phlox, poppy, pansy, lobelia, candytuft, pinks, sweet william, larkspur, centaurea, mignonette, sweet peas and many others of the same class may now be sown. Gladiolus, canna, tuberoses, dahlia and caladium roots can now be planted. Cannas, caladium, perennial, phlox, chrysanthemum, verbena, etc., may now be taken up, divided and replanted.

FARM SUGGESTIONS. March is the best month for sowing grass and clover seeds.

Sow winter and spring oats, Canada field peas, dwarf essex rape and plant artichokes for hogs and cattle.

See page 5 for quantity of farm seeds to the acre.

April

Plant early potatoes, sow cabbage, lettuce and tomato in the open ground for succession. Sow beets, celery, carrot, salsify, parsnip, onion, radish, spring kale, early turnips, kohlrabi, corn salad, collards, rhubarb, asparagus, globe artichoke, parsley, mangel wurzel and herbs.

Put out cabbage plants, onion sets and asparagus roots; bed sweet potatoes; plant early corn, garden peas, snap beans, and late in the month cucumber, squash, watermelon and cantaloupe can be planted.

Vine seeds are tender, so should the weather be cold or wet defer planting until May. All varieties of annual flower seeds, also perennial, can be sown this month. Dahlia, canna and gladioli bulbs can still be planted out. Lawn grass can also be sown now.

FARM SUGGESTIONS. Sow spring oats, clover and grass seeds; the earlier the better. Later this month sow mangel wurzel for stock. Plant corn, cotton, chufas, peanuts, etc.

May

Tender seeds that need warm weather can be sown in May.

Seeds of the following vegetables can be sown: Asparagus, salsify, parsley, beet, pole and snap beans, sugar corn, tomatoes, radish, brussels sprouts, broccoli, corn salad and collards.

Plant black-eye cowpeas, lima beans, butter beans, squash, cucumber, watermelon, cantaloupe, okra and pumpkin. Late cabbage and cauliflower seed can be sown this month, so as to have plants for setting out this fall. Set out tomato, pepper and strawberry plants. Follow our planting table instructions given on page 5.

This is the month to watch for insects in the garden and an application of slug shot at this time will prevent trouble later on. Cultivate between rows and apply fertilizer as a top dressing. Tender varieties of flower seeds may now be sown in the open.

FARM SUGGESTIONS. Plant sugar beets and mangel wurzel for winter feeding. All the sorghums, millets and fodder plants can be sown.

Cowpeas, soja and navy beans can now be sown, also corn, peanuts and cotton. Inoculate soja beans and peanuts with Mulford culture before sowing.

June

Set out cabbage, tomato, egg plant, pepper and sweet potato plants.

Sow tomato for late crop, late cabbage and cauliflower for winter use.

Plant collards, okra, watermelon, cantaloupe, cucumber, squash and pumpkin for late use. Radish, pole, navy and snap beans, also sweet corn for succession. Cultivate rose beds and spray all your flower garden with Black Leaf 40 to destroy aphids.

FARM SUGGESTIONS. Sow the millets, cowpeas, sorghum, beans, navy beans and plant late corn, also corn for ensilage.

July

Plant snap beans for succession and sugar corn for late roasting ears.

Set out late cabbage and celery plants for winter use. This is the best month to sow rutabagas, but they can also be sown in August.

Sow seed for collards, kohlrabi, lettuce and turnip. Plant cucumbers for pickling and table use, also late potatoes for winter. A planting of early peas this month will bear a fair crop in September and October.

Seeds of all hardy flowers, such as pansy, snapdragon, foxglove, phlox, hardy candytuft and asters can be sown now for next year's blooming.

FARM SUGGESTIONS. Sow German millet for hay or fodder, corn in drills for ensilage or fodder. Sow peas for hay or as a soil improver. Buckwheat can be sown for bees or as an improver of the soil, also for grain.

Sow crimson clover, also dwarf Essex rape now. Be sure to inoculate your crimson clover.

August

Continue planting snap beans for the table and pickling purposes. Any cabbage or celery plants that have not been planted out should be put out at once. Sow cabbage and lettuce for fall use, also endive.

Winter radish, endive, collards, parsley, spinach, kale, turnip and rutabaga. Our fall catalog of bulbs and seeds is issued next month; send for a copy now.

FARM SUGGESTIONS. Crimson clover can now be planted and is good for feed, but is especially valuable as a soil improver when turned under.

Sow rye and clover now for grazing and afterwards, it will make a crop of grain. Sow vetches, also rape, and towards the end of the month clover, grass and alfalfa seeds can be safely put out.

September

Sow lettuce, early cabbage, cauliflower and onion seed for transplanting in November. This is a good month to put out onion sets. Sow winter radish, spinach, turnip, mustard, corn salad, leek, parsley, kale and early peas. Dutch bulbs for winter forcing, such as Roman hyacinths, freesia and paper white narcissi required for blooming in the house should now be started. Send for a free copy of our fall book on bulbs. This book contains a complete list of hyacinths, tulips, narcissi, crocus, etc., for autumn planting, besides valuable hints on culture. This is the ideal time to make a lawn and if sown with Williams' Emerald Lawn Grass that is especially prepared for the South, the desired results will be obtained. See inside back cover of this catalog for further advice on lawns.

FARM SUGGESTIONS. Sow crimson clover as early in the month as convenient; it makes very good winter grazing and the land is greatly improved. Winter oats, rye, barley and vetches can all be sown now, also dwarf Essex rape.

October

Onion can now be planted out. Sow early varieties of cabbage, such as early Jersey Wakefield, also turnips for salad, kale, mustard, spinach, collards and lettuce. The end of

this month is the best time to plant out cabbage and lettuce plants to stand during the winter.

The old lawn can be renovated this month or a new one laid down and a top dressing of Williams' special fertilizer applied.

All varieties of shrubs and trees can be planted out this month. Send for a free copy of our fall book, which contains a list of the best shrubs, etc. Hyacinths, tulips, crocus, daffodils, jonquils and peony roots should now be planted in the open ground.

FARM SUGGESTIONS. Grass and clover can still be sown with good results. Sow wheat, oats, rye, barley, vetches and rape.

November

Sow lettuce and early varieties of cabbage in cold frame. Set out cabbage, lettuce and strawberry plants, also asparagus, rhubarb and horse radish roots. Lawn grass can still be sown with good results, but the earlier it is sown the better. All varieties of bulbs mentioned in the previous month can still be planted; in fact, many varieties do better planted this month.

FARM SUGGESTIONS. Wheat, rye, barley, vetches, timothy and herds grass can yet be sown, but the earlier they are in the better. Rye makes a fine soiling and cover crop and should be sown on all vacant lands.

December

Towards the end of this month cabbage and lettuce can be sown in the hot-bed or cold frame. Such vegetables as beet, radish, lettuce, etc., can be forced for winter use. Lettuce grows very satisfactory in hot-beds during the winter and will prove very profitable for those that try it. Plant marrowfat peas for market or garden use.



PLANTING TABLE

VARIETY	Time to Plant	Quantity Required for Row of 100 ft.	Depth to Plant	Quantity Required for an Acre	Matured Ready for Use
Asparagus Seed.....	Mar. and Apr.	1 ounce	2 inches	6 to 8 lbs.	2 to 3 years
Asparagus Roots.....	Feb. and Mar.	100 roots	8 to 10 inches	5000 plants	1 to 2 years
Beans, Dwarf.....	Mar. to Aug.	1 pound	1½ inches	1½ bus.	8 weeks
Beans, Pole.....	Apr. to July	½ pound	1½ inches	¾ bus.	10 weeks
Beans, Dwarf Lima.....	May to July	1 pound	1½ inches	½ bus.	12 weeks
Beans, Pole Lima.....	May to July	½ pound	1½ inches	½ bus.	12 weeks
Beets, Table.....	Feb. to Aug.	2 ounces	1 inch	5 lbs.	10 weeks
Beets, Sugar.....	Feb. to Aug.	2 ounces	1 inch	5 lbs.	12 weeks
Brussels Sprouts.....	Mar. to June	½ ounce	¼ inch	¼ lb.	12 weeks
Cabbage Seed, Early.....	Sept. to Dec.	½ ounce	¼ inch	¼ lb.	12 to 15 weeks
Cabbage Seed, Winter.....	Mar. to May	½ ounce	¼ inch	¼ lb.	12 to 15 weeks
Cabbage for Plants, Early.....	Mar., Apr., Nov.	75 plants	¼ inch	¼ lb.	12 to 15 weeks
Cabbage for Plants, Summer.....	Apr. and May	75 plants	¼ inch	¼ lb.	12 to 15 weeks
Cabbage for Plants, Winter.....	May to Aug.	75 plants	¼ inch	¼ lb.	12 to 15 weeks
Carrot.....	Mar. to Aug.	1 ounce	½ inch	4 lbs.	10 to 12 weeks
Cauliflower.....	Nov.	¼ ounce	¼ inch	¼ lb.	15 weeks
Celery.....	Apr. to July	¼ ounce	¼ inch	1 oz.	15 to 20 weeks
Collards.....	Mar. to Aug.	½ ounce	¼ inch	¼ lb.	12 to 15 weeks
Corn, Sugar.....	Apr. to July	½ pound	1 to 2 inches	6 to 8 quarts	10 to 15 weeks
Cucumber.....	Apr. to July	½ ounce	1 inch	3 lbs.	12 weeks
Egg Plants.....	Feb. to May	¼ ounce	½ inch	2 ozs.	15 to 20 weeks
Endive.....	Apr. to Sept.	1 ounce	½ inch	1 lb.	10 to 12 weeks
Horseradish Roots.....	Feb. to May.	75 roots	2 inches		6 to 8 months
Kale, Spring.....	Feb. to Oct.	½ ounce	½ inch	2 lbs.	10 weeks
Kale, Winter.....	July to Sept.	½ ounce	½ inch	2 lbs.	12 weeks
Kohlrabi.....	Mar. and Apr.	½ ounce	¼ inch	¼ lb.	12 weeks
Lettuce.....	Mar. to Oct.	½ ounce	¼ inch	½ lb.	8 to 12 weeks
Melon, Musk.....	Apr. to June	½ ounce	1 inch	3 lbs.	12 weeks
Melon, Water.....	May and June	1 ounce	1 inch	3 lbs.	15 weeks
Mustard.....	Mar. to Sept.	1 ounce	½ inch	2 lbs.	6 to 8 weeks
Okra.....	April to May	2 ounces	1 inch	8 lbs.	10 weeks
Onions from Seed.....	Mar. to May	1 ounce	½ inch	5 lbs.	15 weeks
Onions for Sets.....	Apr. to June	2 ounces	½ inch	50 lbs.	10 weeks
Onion Sets.....	Mar. and April				
Parsley.....	Sept. to Nov.	1 quart	1 inch	10 bus.	12 weeks
Parsnips.....	Mar. to Sept.	½ ounce	¼ inch	5 lbs.	10 weeks
Peas, Smooth.....	Mar. to May	½ ounce	½ inch	5 lbs.	15 weeks
Peas, Wrinkled.....	Feb. to May.	1 pound	3 inches	1½ bus.	6 weeks
Pepper.....	Feb. to Aug.	1 pound	2 inches	1½ bus.	10 weeks
Pepper Plants.....	Feb. to June	¼ ounce	½ inch	8 ozs.	15 weeks
Potatoes, Early.....	May and June	75 plants	½ inch	8 ozs.	8 weeks
Potatoes, Late.....	Feb. to Apr.	½ peck	4 inches	10 bus.	12 weeks
Sweet Potato Plants.....	July and Aug.	½ peck	4 inches	10 bus.	12 weeks
Pumpkins.....	May and June	75 plants	1 inch	3 lbs.	15 weeks
Radish.....	May to July	½ ounce	½ inch	25 lbs.	4 weeks
Rape.....	Feb. to Sept.	1 ounce	½ inch	5 lbs.	6 to 8 weeks
Rhubarb.....	Feb. to Sept.	1 ounce	½ inch	8 lbs.	
Rhubarb Roots.....	Apr. and May	1 ounce	4 inchex		1 year
Salsify.....	Feb. to June	50 roots	½ inch	5 lbs.	15 weeks.
Spinach.....	Apr. to July	1 ounce	½ inch		
	March—Aug. 15 to Dec. 1				
Squash.....	1 ounce	1 inch	20 lbs.	6 weeks	
Tomato Seed.....	May to July	½ ounce	1 inch	4 lbs.	8 to 10 weeks
Tomato for Plants.....	Feb. to June	¼ ounce	½ inch	4 ozs.	15 weeks
Turnips and Rutabagas.....	May to July	50 plants	1 ounce	4 ozs.	10 weeks
	Feb. to Sept.			2 lbs.	8 weeks

Quantity of Seed Required Per Acre and Weights Per Bushel

VARIETY	Pounds Per Acre	Pounds Per Bushel	VARIETY	Pounds Per Acre	Pounds Per Bushel	VARIETY	Pounds Per Acre	Pounds Per Bushel
Clover, Red.....	15	60	Tall Meadow Oat Grass.....	22—33	11	Oats, Spring.....	64	32
Clover, Mammoth.....	8—15	60	Pasture Mixture.....	40—45	..	Barley.....	84—98	48
Clover, Alsike.....	8—12	60	Lawn Grass.....	70—80	..	Wheat.....	90—120	60
Clover, White.....	10—12	60	Rye Grass, Perennial.....	30—40	24	Rape, Dwarf Essex.....	4—8	50
Clover, Alfalfa.....	18—25	60	Millet, German.....	50—62	50	Vetch, Hairy.....	40—50	60
Clover, Crimson.....	12—20	60	Sorghum or Cane.....	50—75	50	Vetch, with Rye.....	25—30	..
Clover, Sweet.....	20—30	60	Sudan Grass.....	18—25	40	Vetch, Spring.....	40—50	60
Timothy.....	10—15	45	Buckwheat.....	60—72	48	Canada Field Peas.....	150—160	60
Orchard Grass.....	28—35	14	Corn.....	10—12	56	Canada Field Peas, with Oats.....	90—100	..
Red Top, Fancy.....	12—15	40	Corn, for Silage.....	30—35	56	Cow Peas.....	60—90	60
Blue Grass, Kentucky.....	35—45	14	Rye.....	70—84	56	Soja Beans.....	60—75	60
Meadow Fescue.....	28—35	14	Oats, Winter.....	48—64	32			

Famous Vegetables Introduced by Williams Seed Co. and Specialties for 1923



W. S. C. New Stringless Wax Bean.

The plant is strong, dwarf, with large, almost smooth, luscious green leaves. It bears an enormous crop of pods of a most beautiful yellow color. This color is maintained clear to the tips without any suggestion of green. The pods are about six inches long and almost straight, but with the valuable characteristic of curving slightly at the ends towards maturity, thus avoiding contact with the ground, and preventing liability to rust and rot, also preserving intact the natural beauty of the pod. (See engraving.)

Pkt. 15c; 1 lb. 40c; 2. lbs. 70c; postpaid. 10 lbs. \$3.00; not prepaid.

PROFIT-SHARING COUPON

On the inside front cover of this book, purchasers will find our profit-sharing coupon. This coupon counts as cash on all orders for vegetables or flower seeds amounting to \$1.50 or over. Be sure to enclose the coupon with your order and deduct the 25c from the total amount of your order.

Have you studied the savings which are yours by buying
OUR VEGETABLE GARDEN COLLECTIONS,
if not, turn to page No. 18 now.

In order to protect our customers and ourselves we have prefixed the letters W. S. C. to all vegetables of our own introduction or varieties we specialize in. When making out your order please bear in mind that all vegetables marked W. S. C. are the finest America can produce and be sure to order them in preference to all others.

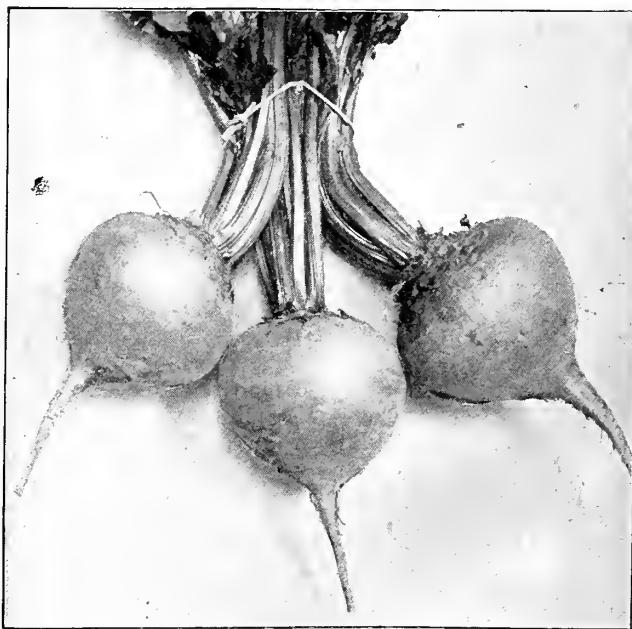
W. S. C. Early Crimson Beauty Beet

A fine selection of blood-red Beet, extremely smooth and of symmetrical growth, rich color and desirable shape. In our trials the past season this beet matured several days before Crosby's Egyptian. We recommend it not only for extreme earliness, but as superior in quality to any other table variety. The roots are of good size, slightly oval, and in quality and color it is peerless; very fine-grained, tender and sweet, never woody or stringy. Color of both skin and flesh, deep, rich crimson, equaling that of the best long beets. (See engraving.)

W. S. C. CRIMSON BEAUTY—Pkt., 10c; oz. 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.00; postpaid.

W. S. C. Wonderful New Stringless Wax Beans

The plant grows to a large size and, having a strong, thick stem, stands up well even during a long season of stormy weather, thus protecting the pods from dirt and dampness. It is very productive, bearing in great abundance large handsome, golden yellow pods which are stringless and tender at all stages of development. Being very hardy, the seed may be planted early. Is more rust-proof and will stand a longer season of damp, wet weather than any other Stringless Wax Bean.



W. S. C. Early Crimson Beauty.

W.S.C. Early Harvest Wax Bush Beans



**Earlier Than
Black Valentine
Green Pod**

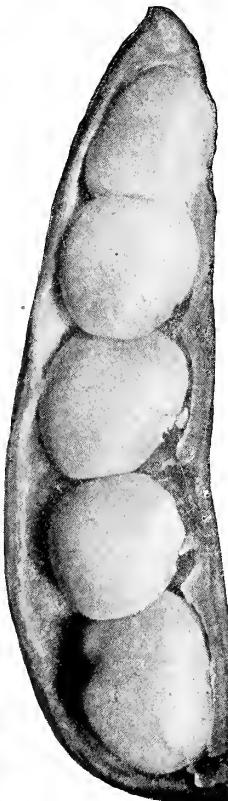
This splendid bean was introduced by us a few years ago and has become a great favorite with market gardeners in the South. We have watched it carefully for several years in field tests side by side with all other sorts, and find it earlier, harder and more rust-resistant than any other Wax bean. The vine is strong and erect and bears in profusion long, well-proportioned pods. We believe it is unquestionably the best Wax Bean on the market. (See engraving.) Pkt. 15c; 1 lb. 40c; 2 lbs. 75c; postpaid. 10 lbs. \$3.50; not prepaid.

W. S. C. Early Harvest Wax Bush Beans.

Bush or Bunch Beans

Giant Stringless Green Pod

It is valuable for its extreme earliness and is absolutely stringless, which makes it one of our best extra early Beans, and wonderfully productive pods of handsome appearance and finest quality. Extra early plantings will produce earliest crops; the later plantings will always produce pods the quickest. A very free bearer; entirely stringless; averages 5 inches long and is slightly curved. A handsome sort, borne on a healthy plant which stands dry weather well. Pkt. 10c; 1 lb. 35c; 2 lbs. 65c; postpaid. 10 lbs. \$2.50; not prepaid.



Fordhook Bush Lima Beans.

Fordhook Bush Lima Beans

Generally considered the best of the large seeded bush lima varieties. Bushes of strictly erect habit, branching freely with all the branches held upright. This is a true bush form of what is known as the potato or large, thick seeded, bush lima. From four to six days earlier than others of the varieties of this class. Pods are found in clusters of four to eight and are well filled with delicious large beans that in quality surpass by far all other lima beans. (See engraving.) Pkt. 10c; 1 lb. 45c; 2 lbs. 80c; postpaid. 10 lbs. \$3.75; not prepaid.

Black Valentine Beans

A new strain of Valentine bean that has steadily made its way into favor as a variety for market gardeners, both for nearby markets and long distance shipping. Seemingly this bean will stand earlier planting than other varieties on account of its greater hardiness and its resistance to bad weather conditions. Extra early, a heavy bearer and holds up splendidly in shipments to Northern markets, especially desirable in Florida. Pkt. 10c; 1 lb. 35c; 2 lbs. 65c; postpaid. 10 lbs. \$2.25; not prepaid.

Bountiful Beans

An Absolutely Stringless, Flat, Green-Podded Bush Bean

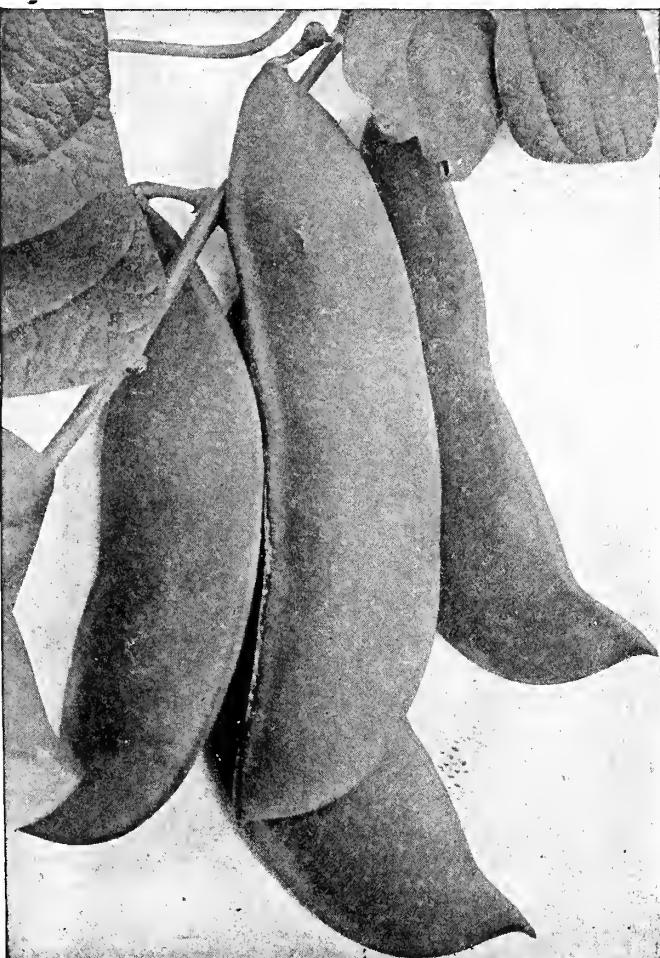
The plant is remarkably handsome and of thrifty growth, being practically rust and mildew proof. It is very hardy, extremely early, very prolific; it is the first to give pods fit to pick in the spring, and the last to yield edible pods in the fall, which are of immense size, thick, broad, extra long, meltingly tender and having a delicious flavor exclusively their own. Moreover, the pods are absolutely stringless, not only when young, but this tender "snap brittle" quality is retained even into maturity. Pkt. 10c; 1 lb. 35c; 2 lbs. 65c; postpaid. 10 lbs. \$2.75; not prepaid.

Henderson's Bush Lima Beans

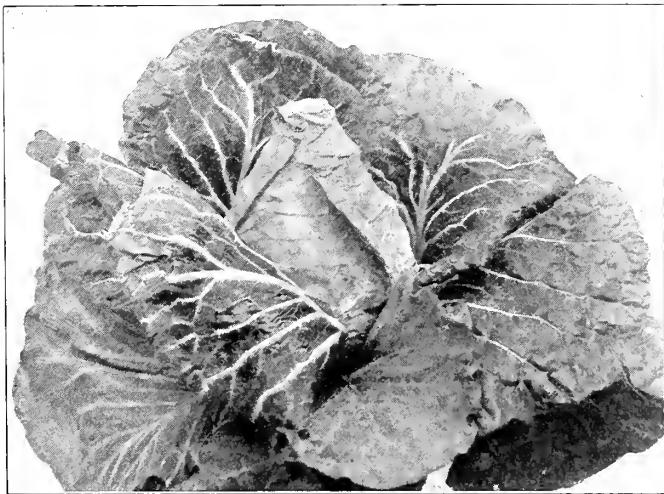
(Bush Butter Beans)

Smaller but most prolific of all the pure white seeded varieties, being a true bush form of the Small Lima or "Sieva." Very early, beginning to bear in about 60 days from planting and is one of the most popular varieties of butter beans. (See engraving) Pkt. 10c; 1 lb. 40c; 2 lbs. 70c; postpaid. 10 lbs. \$3.00; not prepaid.

Prices quoted include free delivery by Parcel Post or Express on Packets, Ounces, Quarter Pounds and Pounds.



Henderson's Bush Lima Bean.



W. S. C. Early Jersey Wakefield Cabbage.

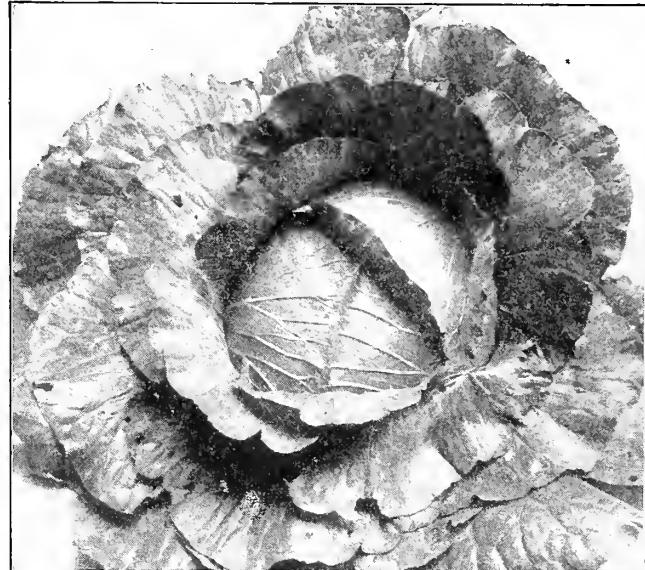
W. S. C. Early Jersey Wakefield Cabbage

Special Selected Stock

Wakefield Cabbage is grown in nearly every garden in the South, and among market growers is planted almost entirely for the first early market. This universal popularity demands that more than ordinary attention be given to the selection of plants for breeding purposes, having in mind earliness, sureness to head, solidity and uniformity of growth and maturity. In our Wakefields this careful selection has been critical and continued through many years, and we believe we have as good and uniform a strain as can be had. They are early, hardy and uniform, and make but few outside leaves. Jersey Wakefield makes solid pointed heads of good size and of most excellent quality. (See engraving.) Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; 1 lb. \$3.50; postpaid.

W. S. C. Early Market Garden Flat Cabbage

This is the earliest of the flat cabbage family being short stemmed with round, flat heads and few outside leaves permits planting close. Ten days later than Early Jersey Wakefield and by far the best large second early sort. The deep, flat heads are solid and uniform in color as well as in shape. It makes a fine winter sort and splendid for kraut making. Our stock of this variety is unexcelled. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; 1 lb. \$3.50; postpaid.



W. S. C. Early Market Garden Flat Cabbage.



W. S. C. All-Head Cabbage.

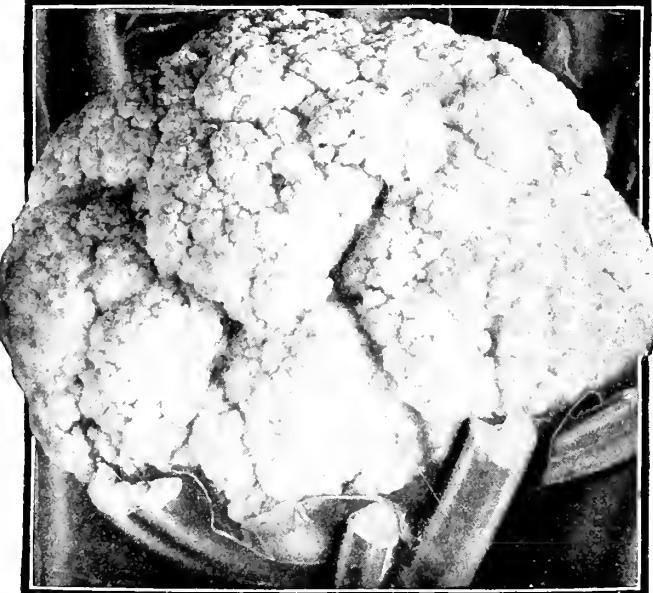
W. S. C. Charleston Wakefield Cabbage

Special Selected Stock

All that we say about the purity and excellence of our Jersey Wakefield is equally true of our Charleston Wakefield—it is as pure and true a strain as careful selection can make it. It is a week to ten days later than Jersey Wakefield, equally as solid, but considerably larger; has a less pointed and thicker head. Its earliness, hardness, size and solidity have contributed to make it one of the most universally grown early cabbages. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; 1 lb. \$3.50; postpaid.

W. S. C. All-Head Cabbage

All-Head Early is an early flat head variety, a sure header with half a chance and well named "All-Head" on account of its few outer leaves. One week earlier than the famous Early Summer and is the finest in existence for a medium-sized flat, early cabbage. The fact that so many market gardeners plant it every year should convince every cabbage planter that it is a cabbage worth planting. (See engraving.) Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; 1 lb. \$3.50; postpaid.



W. S. C. Early Snow Queen Cauliflower.

W. S. C. Early Snow Queen Cauliflower

Early Snow Queen Cauliflower is by far the quickest cauliflower grown. Ten to fifteen days earlier than any other variety of cauliflower with immense large, white heads that are solid and very compact. Every plant will make a head where other varieties fail to succeed. Gardeners should give this variety a trial as we feel confident that a trial will convince the one in doubt as to its merits. Good cauliflower has always a ready market and anyone who grows our strain will make a sure success. (See engraving.) Pkt. 50c; oz. \$4.00; $\frac{1}{4}$ lb. \$12.50; 1 lb. \$45.00; postpaid.

W. S. C. Golden Self-Blanching Celery

Special French-Grown Seed.

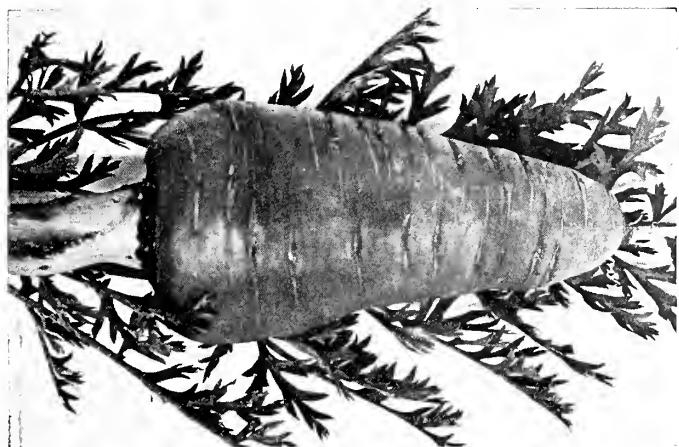
Our special stock of French Grown Golden Self-Blanching Celery has proved such a wonderful success with all large celery growers in Florida that they now insist on getting the Williams' stock seed. This seed is grown especially for us in France and we import large quantities of fresh seed each year.

This is the variety grown largely for market, but it is equally valuable for the private garden. It is very early, blanches quickly and its rich color makes it quite attractive. The habit of the plant is short and stocky; the stalks are broad, thick, very solid, crisp and brittle; the quality is superb, tender and free from stringiness, flavor rich and delightful. It develops a large heart quite early in its growth; which makes the greater part of the plant edible. It is fit for use early in September, and remains in use until the later winter sorts mature. (See engraving.) **Pkt. 25c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.75; 1 lb. \$14.00; postpaid.**

Carrot

W. S. C. Pride of the Market.

This new stump-rooted variety we consider the best of its class. It's a half-long sort unexcelled in quality and productiveness. Very uniform in growth. Flesh deep golden orange color. Roots 3 inches in diameter at top, about five inches in length, gradually tapering in a very symmetrical manner to the base. See Engraving. **Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50; postpaid.**



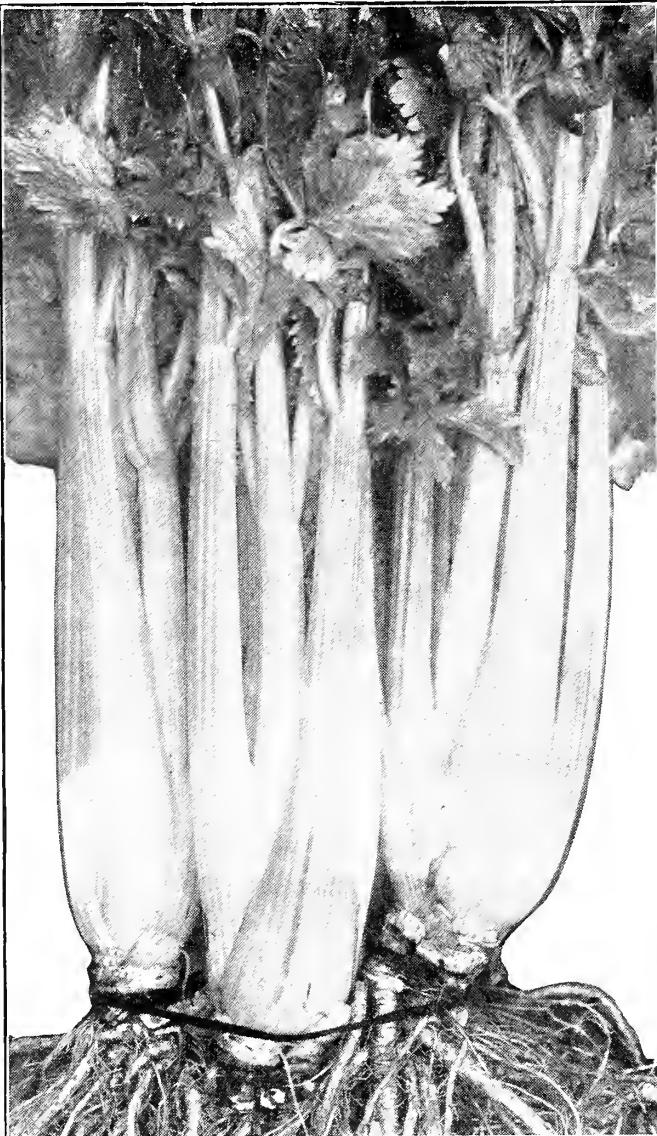
W. S. C. Pride of the Market Carrot.

Cucumber

W. S. C. Famous Peerless

This cucumber is justly famous and we must say we are proud of the name it has made for itself. Its perfection has been made possible only by years of scientific breeding by expert growers. Our sales on this variety last year exceeded all previous records and we have already booked a large number of orders for the coming season. Most of the large cucumber growers in Florida are now using Peerless.

It is an early, prolific and continuous producer of uniformly large and symmetrical fruits of an intensely rich deep green color. It runs very close to type, bearing practically no mis-shapen fruit or culs. It is ideal for slicing, flesh being compact, fine-grained, sparkling white and of most refreshing and delightful flavor. The vines are vigorous, quite healthy, mildew-proof, maintaining their luxuriance and bearing from the earliest to the latest season. Either for home or garden or market this variety is without a peer. (See engraving.) **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.**



W. S. C. Golden Self-Blanching Celery.

Gentlemen:

I wish to say in regard to your Williams' Famous Peerless Cucumber that it is without a doubt the best Cucumber in every respect that I have grown.

W. B. SPARKMAN,
Plant City, Fla.



W. S. C. Famous Peerless Cucumber

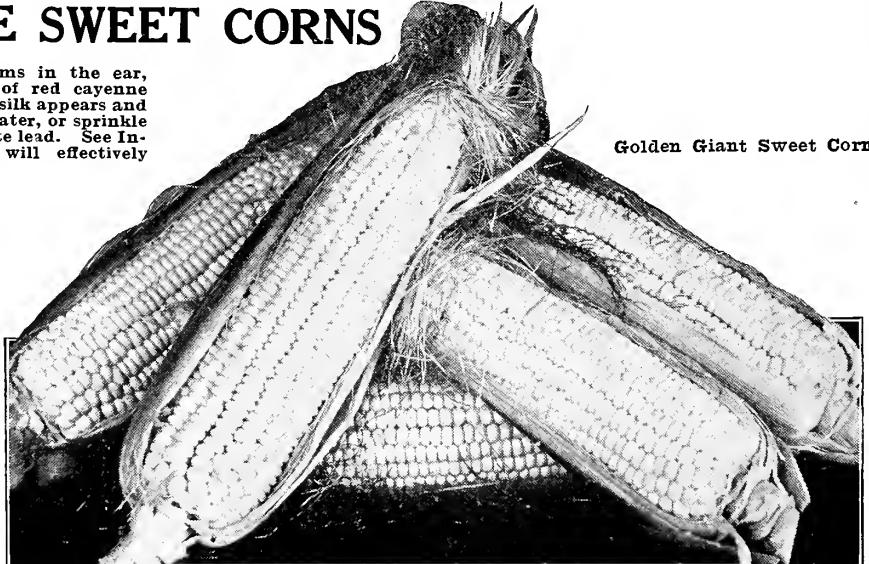
WILLIAMS' BEST FIVE SWEET CORNS



Golden Bantam
Sweet Corn.

To prevent worms in the ear, sprinkle a pinch of red cayenne pepper just as the silk appears and repeat a few days later, or sprinkle lightly dry arsenate lead. See Insecticides. This will effectively keep out worms.

1 Packet
Each of the
Five
Varieties
Shown on
This Page
for 40 cts.,
Postpaid



Golden Giant Sweet Corn.

Golden Giant

A variety of recent introduction which is a cross of Howling Mob with Golden Bantam and produces ears which are much larger than Golden Bantam, but of the same delicious quality, and being hardy, the seed may be planted as soon as the ground becomes warm. The cob is of small diameter and contains twelve to eighteen rows or long, thick grains, which cover the entire surface and are deep orange in color, extremely juicy and sweet. It may be planted for succession throughout the entire season. See engraving. **Pkt. 10c; lb. 50c; 2 lbs. 85c; postpaid. 10 lbs. \$2.50; not prepaid.**

Golden Bantam

The sweetest and most delicious extra-early Corn for the home-garden. Extremely early and very productive. The stalks grow only 5 feet in height and, where space is limited, the hills can be as close as 2½ feet apart. Each stalk bears two or three well-filled ears, 6 to 7 inches in length. The kernels are of a beautiful creamy yellow color, very milky, tender, and sweet. Golden Bantam combines all the best qualities desired in Sweet Corn. We recommend it most highly for every garden, especially the small ones where space is limited. **Pkt. 10c; 1 lb. 30c; 2 lbs. 50c; postpaid. 10 lbs. \$2.00; not prepaid.**

Stowell's Evergreen

Long recognized everywhere as a standard variety, both for home use and market, and is a general favorite. The ears are of a large size, grains deep, exceptionally tender and sugary, and have the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best of all late sorts. **Pkt. 10c; 1 lb. 30c; 2 lbs. 50c; postpaid. 10 lbs. \$1.75; not prepaid.**

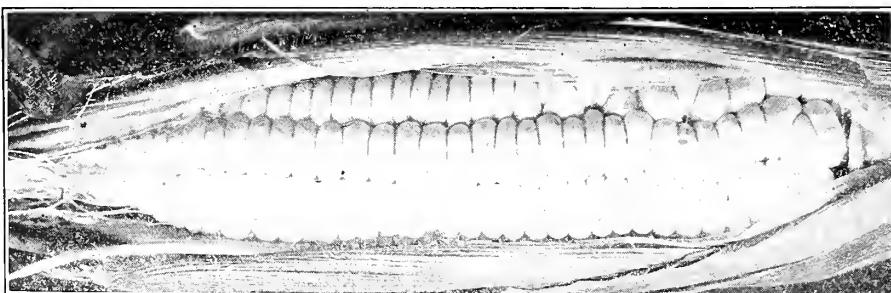
Country Gentleman

The finest quality variety of all the mid-season sorts of sweet corn. Makes 2 to 3 good sized ears to the stalk on rich ground. Grains small, much shriveled, but very deep. Quality unexcelled and no garden should be without a few rows of this best quality of all corn. **Pkt. 10c; 1 lb. 30c; 2 lbs. 50c; postpaid. 10 lbs. \$1.75; not prepaid.**

Corn for Roasting Ears

W. S. C. NORFOLK MARKET

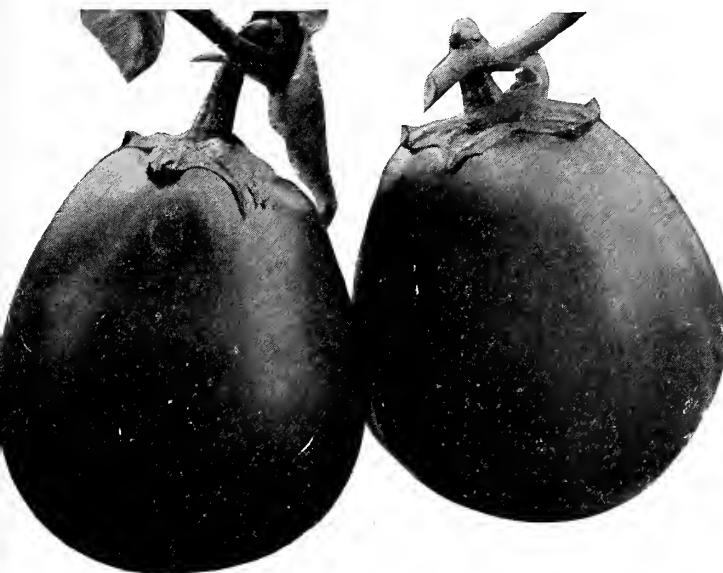
The most popular kind among our market gardeners. Very hardy, and has ready sale either in green or matured. The ears are about 8 inches long, 14 to 16-rowed, and well filled. The grains are plump and milky when green, of exceptional quality. Our stock is absolutely true to type and of first-class quality. Norfolk Market is by far the best of all the roasting ear corns and should be in every home garden. See engraving. **Pkt. 10c; 1 lb. 25c; 2 lbs. 45c; postpaid. 10 lbs. \$1.50; not prepaid.**



W. S. C. Norfolk Market Corn.

Our Vegetable Garden Collections contain these varieties easiest of cultivation, and will give you a garden full of vegetables all summer. See page No. 18.





W. S. C. Virginia Black Mammoth Egg Plant.

W.S.C. Virginia Black Mammoth Eggplant

Virginia Mammoth (120 days.) This is the best high-bush type, blight-resistant eggplant with quality, color and fine market appearance. Being a heavy yielder and upright growth does not get bruised or damaged by the wet weather as easily as other varieties. This most wonderful variety has excellent carrying qualities and is sure to become a great favorite with market gardeners and shippers. (See engraving.) Pkt. 25c; oz. \$1.25; $\frac{1}{4}$ lb. \$4.00; postpaid.

Kohl Rabi



KOHL RABI WHITE VIENNA

Early White Vienna

Bulbs grow to the size of an apple when ready for use, and are of a pale, whitish green color. They are hardy and can be sown in drills as soon as the ground can be worked in the spring, and with successive sowings you can have nice, tender bulbs all through the summer and fall. When well started, set out as cabbage plants, and for table use gather bulbs while skin is tender, slice, and cut off the hard lower portion. Bulbs are of very mild, delicate, cabbage like flavor, most delicious. You will relish having them on your table. (See engraving.) Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 70c; 1 lb. \$2.25; postpaid.

Please use printed form on inside front cover when making out your order.

W. S. C. Big Boston Lettuce

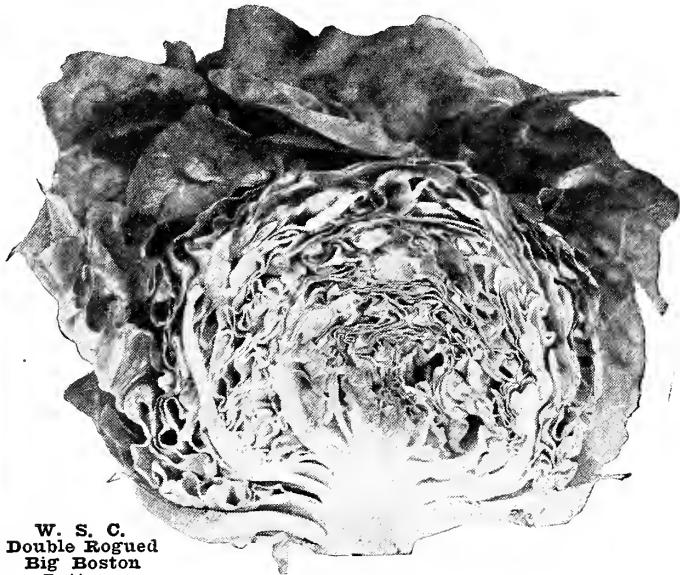
Williams' Double Rogued Stock

Without doubt, Big Boston is the most popular Head Lettuce for shipping at this time. Knowing this, we have worked hard to breed up a strain which would equal, if not prove superior, to any on the market. A solid head of great size. Has very few wasted leaves; indeed, the plant is nearly all heart, exceedingly crisp and sweet. Well adapted for spring and fall culture and for forcing in cold-frames thousands of acres of it are grown during the winter in Florida and Southern States for shipping to Northern markets; in every State it is wonderfully popular; in fact, we know of no other variety that gives such general satisfaction under such varying conditions. As many of our customers have said, "It is the best Head Lettuce." (See engraving.) Price. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.25; postpaid.

Leek

Large Carentan

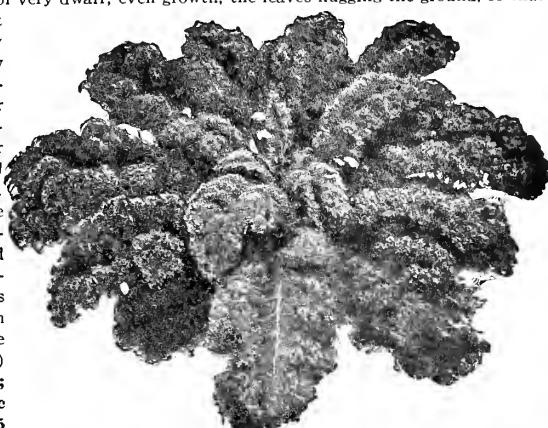
Grows to large size the stems being proportionately large and thick. In rich soil, well earthed up, the edible portion is from 6 to 8 inches long by 2 to 3 inches in diameter. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50; postpaid.

W. S. C.
Double Rogued
Big Boston
Lettuce.

Kale

W. S. C. Extra Dwarf Curled Scotch

Largely grown for supplying "greens" during the fall, winter and spring. The plants are hardy above zero; frost improves the quality. The leaves are very large, deeply curled and fringed, and of that desirable rich, bright green color, the plants are of very dwarf, even growth, the leaves hugging the ground, so that they are not broken off by heavy wet snow as often happens with taller types. The flavor is best after being exposed to frost. For this reason the crop from summer sown seed is preferable, although it is often used in summer. (See engraving.) Price, 10c pkt; 15c oz; 40c $\frac{1}{4}$ lb; \$1.25 1lb; postpaid.

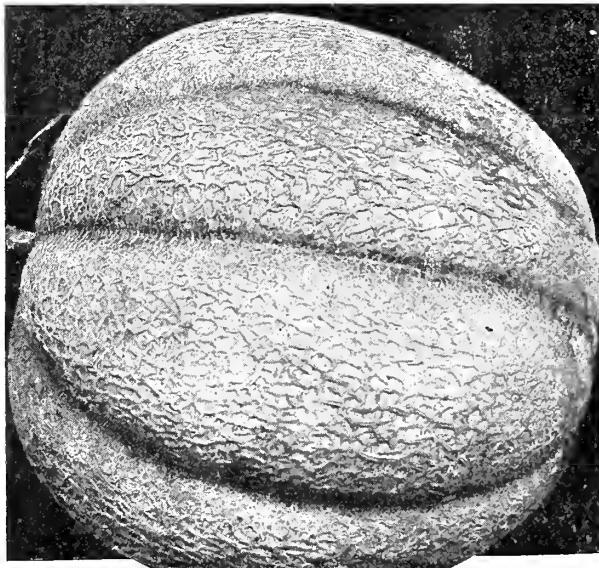


W. S. C. Extra Dwarf Green Curled Scotch Kale.

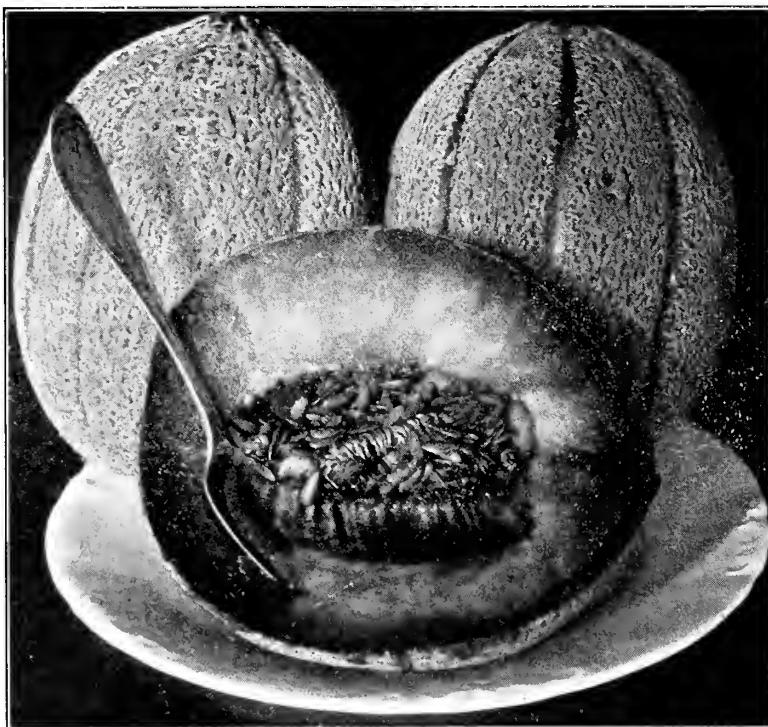
WILLIAMS' MUSKMELONS AND WATERMELONS

W. S. C. Bottomly Muskmelon

This melon is becoming more popular every year among the market gardeners, owing to being blight proof and bearing fruit long after the vines of most early varieties have died. It is a very heavy yielder and has all the good qualities of the Rockyford. It is slightly later than the Rockyford but much sweeter melon. Has small seed cavity well netted, widely ribbed; as for shipping it is unexcelled. Ideal for shipping or home market. (See engraving). Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; 1 lb. \$3.50; postpaid.



W. S. C. Bottomly Muskmelon.



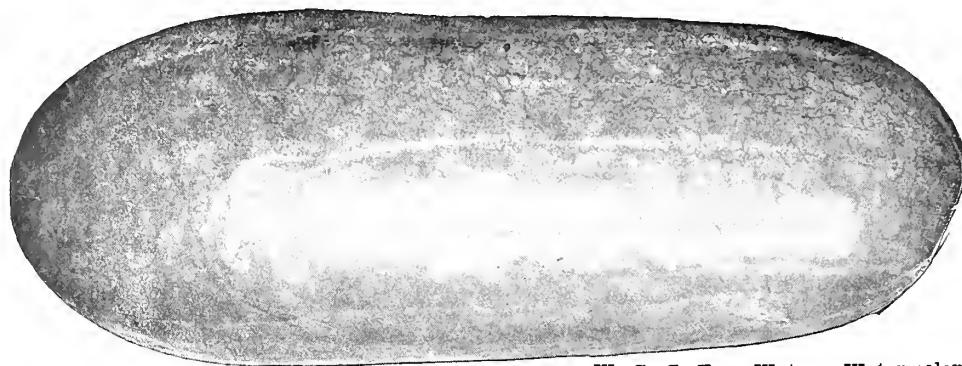
W. S. C. New Knight Muskmelon.

W. S. C. New Knight Muskmelon

A selected and very much improved strain of the Rockyford type, but bred up to a great superiority. The vines grow vigorously and set fruit in profusion and earlier than most other sorts. The fruits are oblong in shape, well ribbed and netted, of fine appearance and splendid shipping qualities. The flesh is thick green, shading to orange at the center, and of delicious flavor. (See engraving) Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.25; postpaid.

Fordhook Muskmelon

Very thick, orange-yellow flesh, small seed cavity, and comparatively few seeds. The flesh is solid and of very high flavor, staying solid and firm after melon has become quite yellow. The vines are healthy and strong growers, setting fruit close to hill and keep on setting fruit throughout the season to end of vine. They are well ribbed and heavily netted. Equally good for home garden or market. (See engraving.) Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50; postpaid.

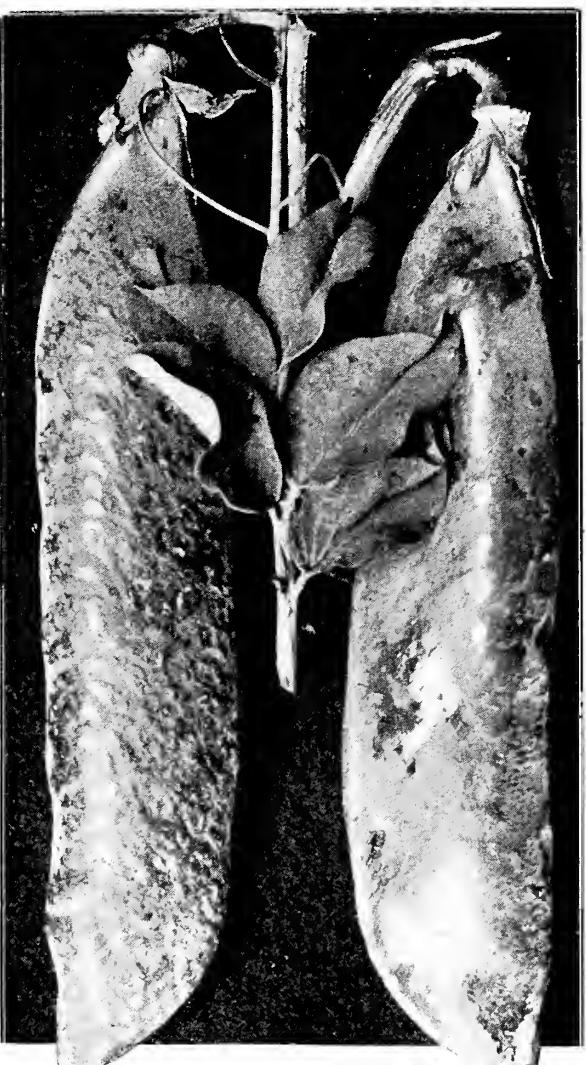


W. S. C. Tom Watson Watermelon.

W.S.C. Watermelon Tom Watson

Extra Select Strain Virginia Grown

The vines are vigorous in growth, harder than other sorts, producing shipping fruits earlier. The melons are long, of large size, often weighing 50 to 75 lbs. apiece, with beautiful dark green rind, with fine veining and permanent gloss. The rind is tough enough to make it an ideal shipping sort. The meats ripen close to skin, is solid, rich red in color, and exceptionally fine flavor and quality. (See engraving.) Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; 1 lb. \$3.50; postpaid.



W. S. C. New Era Peas.

W.S.C. Thomas Laxton Peas

The earliest of the large-podded wrinkled peas, and a variety which has steadily grown in popularity with our trade until it bids fair to supplant all other varieties for early main crop. Closely resembling in appearance and habit the Gradus, which has for a long time held first place, it is, at the same time, so much harder and so much more productive that it is steadily displacing it. Although of the wrinkled variety, it is of very vigorous constitution and strong germinating power, and, consequently, can be planted much earlier than other wrinkled sorts. The vine is very vigorous, growing to a height of about 3 feet, and maturing its crop very uniformly. The pods, borne in great profusion, are large, about 4 inches long, blunt at the end, and well filled with peas of most excellent quality. Our strain is the result of careful selection and breeding, and is absolutely true to type. (See engraving.) **Pkt. 10c; lb. 40c; 2 lbs. 70c; postpaid. 10 lbs. \$2.50; not prepaid.**



White Portugal Onion.

Double Curled Parsley

One ounce will sow about 150 feet of drill

Can be sown in either fall or spring in drills 15 inches apart. When plants have become strong thin out to 6 inches apart in the row. Parsley seed usually takes 3 to 4 weeks to germinate. Soak seed 12 hours in water before planting. Keep beds free from weeds and grass. Plant one ounce to 150 feet of row or three pounds per acre. Plants of dwarf compact growth, and the young leaves have the edges heavily crimped, giving a general appearance of coarse moss. Often used by market gardeners. (See engraving.) **Pkt. 10c; oz. 15c; 1/4 lb. 30c; 1 lb. \$1.00; postpaid.**



Parsley Double Curled.

Improved Hollow Crown Parsnips

One ounce will sow about 200 feet of drill; 5 to 6 lbs. for an acre.

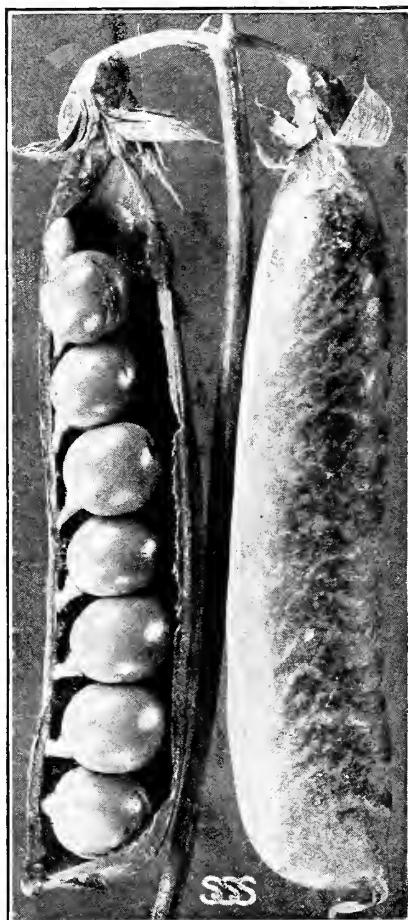
The best all-round variety of parsnips. The leaves start from a depression in the crown of the root, thus giving it the name of "Hollow Crown." Rich, very sweet flavor, immensely productive, ready for use in 80 to 85 days. Roots are smooth, in good soil 15 inches long by 3 in. across the shoulder, tender and sugary. **Pkt. 10c; oz. 20c; 1/4 lb. 65c; 1 lb. \$2, postpaid.**

New Era Peas

Ideal Home or Market Variety

A very early wrinkled variety, and one of the best we have ever seen. Tested by the side of Gradus, it has proven several days earlier, with larger pods and a heavier yielder of the finest flavored pea we have ever had. It is also hardier than Gradus, allowing of earlier planting. The pods are large, straight, dark-green in color and well-filled.

Continuous, careful, selection, patiently practiced from year to year, has enabled us to keep our stock free from the small podded vines that are common to all the large sorts, so that New Era is now better than ever. **Price, pkt. 15c; 1 lb. 40c; 2 lbs. 75c; postpaid. 10 lbs. \$2.50; not prepaid.**



Thomas Laxton Peas.

White Portugal or Silver Skin Onions

Bulb flattened, thick through, skin clear white, flesh mild and of fine flavor. It is grown extensively for sets and pickling onions and is the best white sort for this purpose. (See engraving.) **Pkt. 10c; oz. 30c; 1/4 lb. 85c; 1 lb. \$3.00; postpaid.**

W.S.C. World Beater Peas

Medium pod, extra early. Vigorous growth with stocky vines, growing 2 feet high. Very prolific for an extra early pea, the pods containing 7 to 9 fine peas of rich green color. You will like World Beater for it's equally good for home gardens or for market. Pkt. 10c; 1 lb. 35c; 2 lbs. 65c; postpaid. 10 lbs. \$2.25; not prepaid.



W. S. C. Blue
Bantam Peas.

W.S.C. Blue Bantam Peas

This handsome new wrinkled pea is by far the largest podded of the dwarf varieties on our list. The dark green pods are similar to Thomas Laxton in shape and splendid quality, are very large in size and mature a little earlier. The vines are vigorous, productive, averaging 14 to 16 inches high, with dark green foliage, pods about 4 inches in length. Seed is light green in color, large, wrinkled, irregular in shape.

We especially recommend this delectious pea for either home or market (See engraving.) Price, pkt. 10c; 1 lb. 35c; 2 lbs. 65c; postpaid. 10 lbs. \$2.60; not prepaid.

W.S.C. Special World Beater Pepper

It is a cross between Chinese Giant and Ruby King, having the shape of the Ruby King, except that it is broader at the pointed end and almost the size of the Chinese Giant. It is far more prolific than Chinese Giant, some plants producing as high as twenty-four marketable peppers, and it is fully as early as Ruby King. (See engraving.) Pkt. 15c; oz. 50c; $\frac{1}{4}$ lb. \$2.00; lb. \$6.50; postpaid.

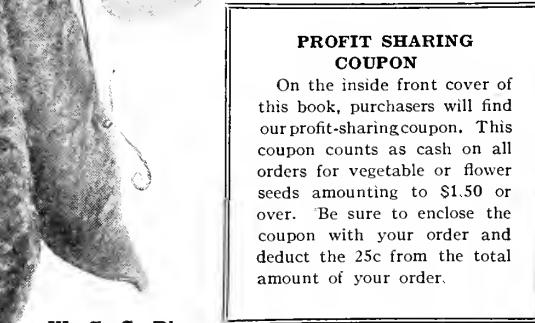


W.S.C. Special Ruby King Pepper

While it is a superb sweet pepper for home and market use we want to especially call the attention of the trucker or shipping market gardeners to its regularity of size and shape making it an exceptionally desirable variety for good packing and fine appearance on arrival in the markets. This insures its being a top price seller at all times.

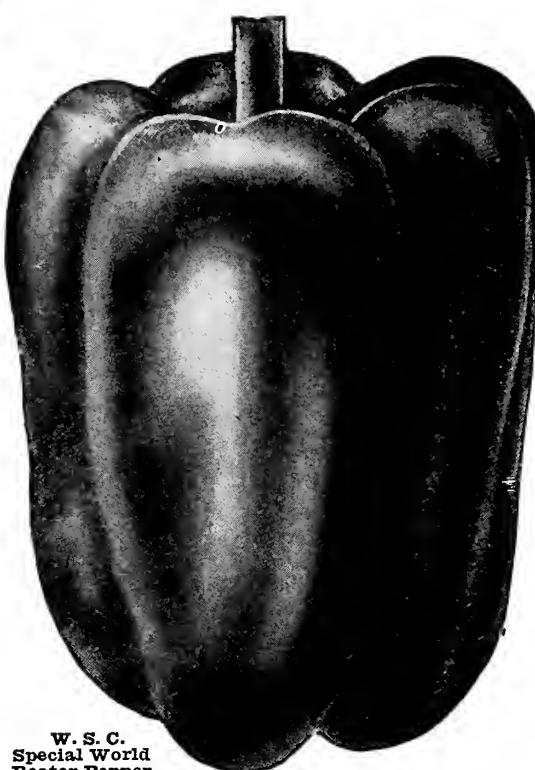
It is very prolific, bright and glossy, of large size; the flesh is mild and thick and the lobes well filled out. It runs remarkably true to type and uniformity of size for a pepper, and the plants are of strong, stocky, erect growth. (See engraving.) Pkt. 15c; oz. 60c; $\frac{1}{4}$ lb. \$1.75; 1 lb. \$6.00; postpaid.

W. S. C.
Special Ruby
King Pepper.



PROFIT SHARING COUPON

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W. S. C.
Special World
Beater Pepper.

WILLIAMS' MAINE GROWN SEED POTATOES



Williams' Irish Cobbler Potato

EARLY VARIETIES

Williams' Early Rose

One of the favorite early standard varieties, productive, of excellent quality and very satisfactory. (See engraving.) Pk. 75c; bu. \$2.50; sack, \$6.50.

Spaldings No. 4 Rose

A little later than the Early Rose, a heavy yielding variety, very popular in the trucking districts of Florida. Pk. 75c; bu. \$2.50; sack, \$6.50.

LATE VARIETIES

Green Mountain

Probably the best-known late Potato on the market. A prolific yielder, growing tubers of large size, oval and fine white flesh. The skin is a dull cream or light russet, the eyes are comparatively small and shallow. Most profitable Potatoes, for market or home use. Pk. 75c; bu. \$2.50; sack, \$6.50.

Hobo

A new variety, strictly used for fall planting. Very productive; splendid for table use. Can be planted successfully July 15th and ready for digging October 15th. Prices on application.

McCormick

Becoming steadily more popular as a fall Potato. A prolific yielder of medium, large tubers, and of heavy vine growth. Bloom similar to the Hobo and tubers white eye. Prices on application.

Southern Wonder

WHITE SKIN

The tubers is not unlike Irish Cobbler in shape, eyes are white and not quite so deep, very heavy yielder. Prices on application.

Our Seed Potatoes are all especially grown for seed purposes in Aroostook County, Maine, the best potato district in this country, and are very much superior to the stocks ordinarily sold.

CULTURE—Rich sandy loam is the best for Potatoes, and heavy manuring is absolutely necessary to secure best results. Many begin to plant as early in February as possible. Potatoes are also planted quite largely in the fall of the year, the time of planting ranging from the early part of July to the first of August, depending on the variety. Plant in rows $2\frac{1}{2}$ to 3 feet apart, and from 9 to 15 inches apart in the row. Keep well cultivated. From 3 to 5 barrels are required to the acre, depending on the variety.

The Potato bug is the worst enemy, as the most successful preparation to fight the bugs we recommend our preparation, Anshor Green, which contains Bordeaux Mixture combined with Paris Green. Bordeaux Mixture is generally used for blight, therefore the spraying with Anshor Green, takes care of the blight and bugs.

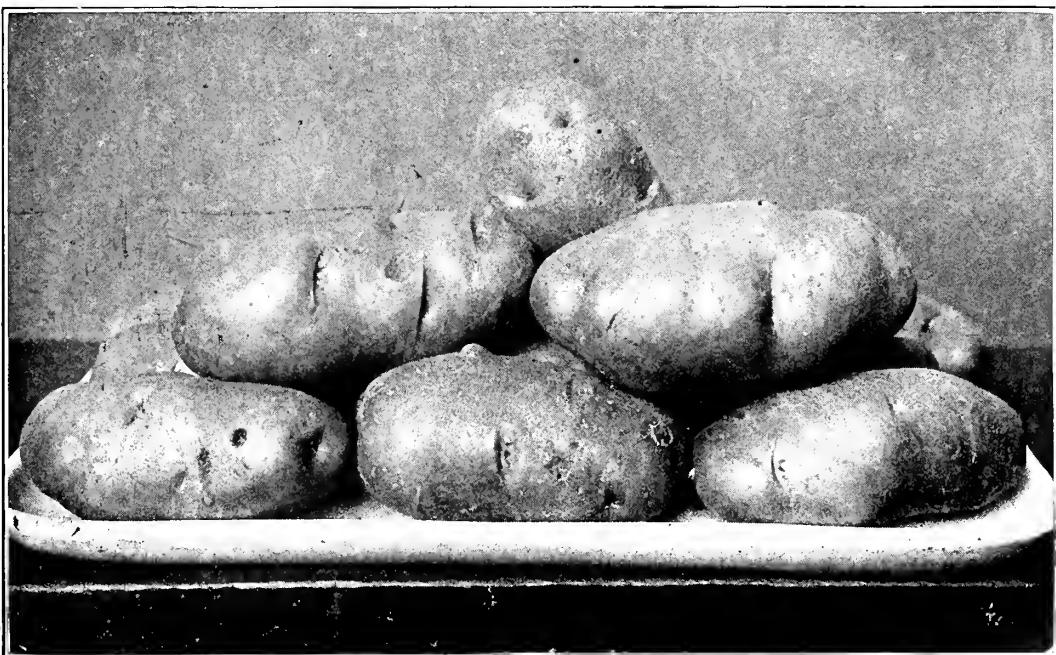
For market we principally recommend planting Irish Cobbler for spring; Hobo, McCormick and Southern Wonder for fall. For the private garden, Irish Cobbler or Early Rose for spring and Green Mountain for fall.

W. S. C. Irish Cobbler

One of the first varieties of Potatoes to be ready for the market, and therefore will command a good price. The skin is creamy white, sometimes netted, which is an indication of good quality; eyes are strong and well developed, and but slightly indented. The flesh is pure white, of excellent cooking quality. (See engraving.) Pk. 75c; bu. \$2.50; sack, \$6.50.

Red Bliss

To those who prefer a Potato with pink skin and white flesh or those who grow for markets where this color is in demand, we recommend Red Bliss. Extra early, a sure and heavy cropper. Pk. 75c; bu. \$2.50; sack, \$6.50.



Williams' Early Rose.

RADISH

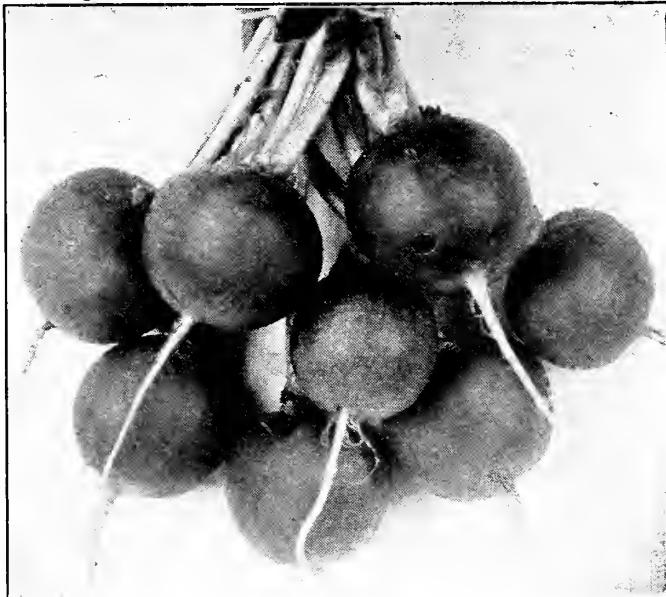
NO GARDEN IS COMPLETE WITHOUT
RADISHES IN SUCCESSION AT ALL TIMES



White Strasburg Radish.

White Strasburg Radish

Oblong, tapering shape; skin and flesh pure white; firm, brittle and tender, retaining its crispness even when the roots are old and large. Best variety for summer use and an excellent all-round variety. **Pkt. 5c; oz. 15c; ¼ lb. 25c; lb. 75c; postpaid.**



W. S. C. Early Scarlet Globe Radish.

W.S.C. Extra Early Scarlet Globe

One of the best for forcing or for early outdoor sowing. Perfect in shape and color. Roots are oval or olive-shaped, deep scarlet in color, with white, mild crisp and tender flesh. Small tops. They are ready for market in 20 to 25 days after sowing. (See engraving.) We sell thousands of pounds annually on repeat orders, which is the best proof of quality after all. **Pkt. 5c; oz. 15c; ¼ lb. 25c; lb. 75c; Postpaid.**

Early Scarlet Turnip White-Tipped Radish

An extra-early sort, very popular with market growers. Handsome in appearance, bright red, with white tip. Tops are small, allowing of close planting. Our strain is superior to most sorts offered, making a nice globe-shaped clean root with no laterals. **Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c; postpaid.**

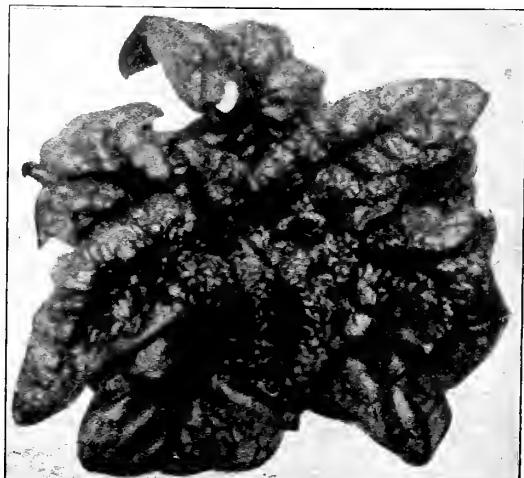
SPINACH

Virginia Savoy Blight Resistant

This new spinach was originated by the Virginia Truck Experiment Station. It is the result of years of scientific work by the experiment station and has proved a great success the past two years. It is a decided improvement over Bloomsdale Savoy as its blightproof qualities and correct habit of growth makes it more valuable to the grower than any other variety. Virginia Savoy is characterized by the large leaves and general Flanders type of growth. The low-growing wide spreading habit is desirable for a winter spinach. Plants of this type attain a very large size in the spring, a single plant often weighing more than a pound. (See Engraving.) **Pkt. 5c; oz. 15c; ¼ lb. 20c; lb. 75c; postpaid.**

New Evergreen Spinach

This excellent new spinach is half again as large as Long Standing it is early and vigorous growing variety. The leaves are quite round resembling Victoria. We can recommend New Evergreen for spring as well as late fall sowing. It remains in perfect condition several weeks longer than Bloomsdale Savoy and is slow to run to seed. **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c; postpaid.**



Virginia Savoy Blight Resistant Spinach.

TOMATOES

W. S. C. Special Globe

This is an improved stock of Williams' Selected Globe which has been such a wonderful favorite in the South for many years. See photo on this page also testimonial from Mr. Meeks. **Pkt. 15c; oz. \$1.50; $\frac{1}{4}$ lb. \$5.00; 1 lb. \$15.00; postpaid.**

Williams' Selected Globe

A very popular variety with market gardeners, especially in the South. The short-jointed vines are vigorous and very productive. The tomatoes mature a little earlier than most main crop varieties. The fruit is borne in clusters, average large, though a little uneven in size and are nearly round or globe-shaped. Some a little elongated. They are smooth—ripen up thoroughly and they are of a glossy purplish rose color; flesh firm, has few seeds, and is of mild flavor. A good keeper and shipper. **Price, pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.75; 1 lb. \$6.00; postpaid.**

W. S. C. New Tomato Early Mayflower

Mayflower is an unusually heavy bearer, is blight proof and continues to bear all through the season. Seed cavity very small, ripens one color inside and out and will prove an ideal home or market tomato.

In our trials the past season, Early Mayflower was the first to ripen and some plants yielded up to eighty ripe fruits, fifteen pounds from a plant at one picking was a daily occurrence. **Pkt. 25c; $\frac{1}{4}$ oz. \$1.50; 1 oz. \$5.00; postpaid.**

Ponderosa Tomato

The Giant of All Tomatoes

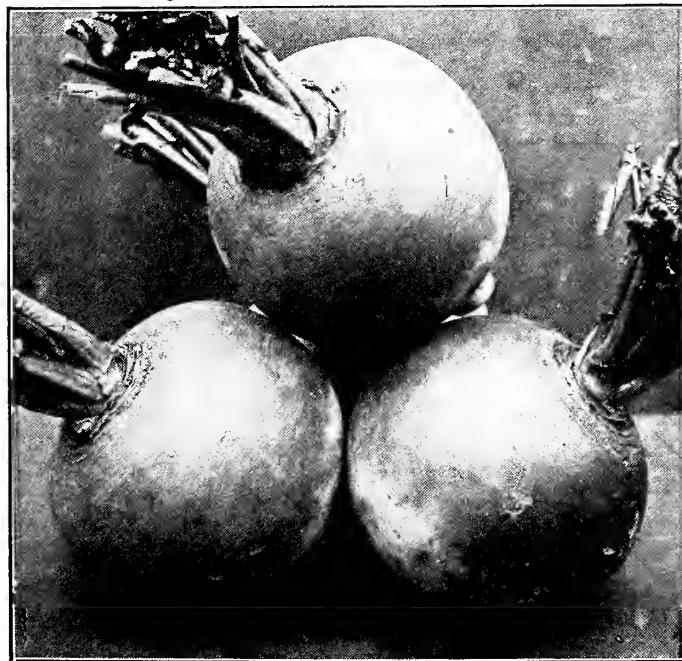
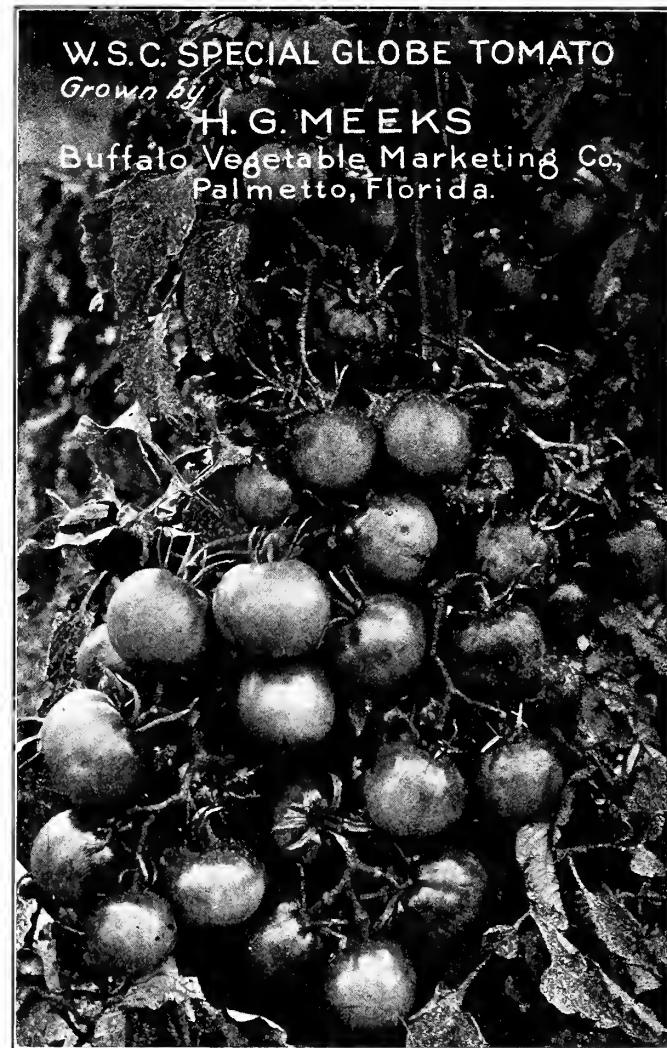
It must have rich soil to be a success. The vines are of strong growth and bear well. The deep-purple fruits are oblong in form, generally ridged or ribbed. They are solidly fleshy, with small seed-cells; of extra sweet flavor. Planted in good soil, fruits frequently attain a weight of one pound or more. Selected strain. **Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.75; 1 lb. \$6.00; postpaid.**

Gentlemen:

We have used your Williams' Selected Globe Tomato Seed for the past seven years and can say that it is the best Tomato we have ever grown. The photo shown represents the Special Globe which you offered for the first time last year and we think this photo speaks for itself. This plant had 48 uniform Tomatoes on it all of even color and was grown on our farm.

As long as we can get the Williams' Globe Tomato we will use no other.

H. G. MEEKS, Farm Supt.,
Buffalo Vegetable Marketing Co.
Palmetto, Fla.



Pomeranian White Globe Turnip.

TURNIPS AND RUTABAGAS

Pomeranian White Globe Turnip

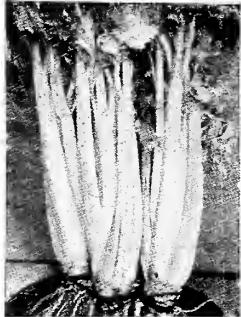
One of the most productive kinds and in good, rich soil the roots will frequently grow to twelve pounds in weight. The roots are globe-shaped or slightly flattened; skin very white and smooth. This sort is used for stock feeding and is also good for table use. Used also for greens. (See engraving). **Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.**

American Purple Top Rutabaga

Best and heaviest cropper of all rutabagas for the South. Of fine form, with rich purple colored top and light yellow flesh of most pleasing appearance. The flesh is tender, sweet and exceptionally free from hard, stringy nature. Has comparatively small tops, fine feeding roots, and is the surest and heaviest cropper. We have never had a variety of vegetable that has given such general satisfaction in all sections and in all kinds of seasons. **Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c; postpaid.**

Profit Sharing Coupon

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WILLIAMS' VEGETABLE GARDEN COLLECTIONS

Will Save You TIME and MONEY—All Ready for Planting

For the benefit of our good friends who care to take advantage of these time-and-worry-savers, we offer below three vegetable-garden collections. In these collections we have endeavored to choose items generally used in gardens for family use. They are all of easy culture and with ordinary care and cultivation are bound to give success.

Kindly note the 25-Cent Profit Sharing Coupon does not apply to collections.

We pay parcel post or express on collections.

**FAMILY GARDEN
Collection - - - - -**

\$3.00

- 1 lb. Beans. Early Stringless Green Pod
- 1 pkt. Beans. Stringless Wax
- 1 lb. Beans. Bush Lima
- 1 oz. Beet. Detroit Dark Red
- 1 oz. Carrot. Danvers Half-Long
- 1 pkt. Celery. White Plume
- 1 lb. Corn. Golden Bantam
- ½ lb. Corn. Country Gentleman
- 1 pkt. Cucumber. Williams' Peerless
- 1 pkt. Eggplant. Black Beauty
- 1 pkt. Endive. Green Curled
- 1 pkt. Hanover. Salad
- 1 pkt. Kohl Rabi. White Vienna
- 1 pkt. Leek. American Flag
- 1 pkt. Lettuce. Big Boston
- 1 pkt. Lettuce. Paris White (Romaine)
- 1 pkt. Melon, Musk. Williams' New Knight
- 1 pkt. Melon, Water. Tom Watson.
- ½ oz. Onion. Yellow Globe
- 1 pkt. Onion. White Globe
- 1 pkt. Parsley. Double Curled
- 1 pkt. Parsnip. Hollow Crown
- 1 lb. Peas. Alaska
- ½ lb. Peas. Gradus
- 1 pkt. Pepper. Large Bell
- 1 oz. Radish. Scarlet Globe
- 1 oz. Spinach. Victoria
- 1 pkt. Squash. Summer Crookneck
- 1 pkt. Tomato. Earliana
- 1 pkt. Turnip. Yellow Globe

\$4.00 Value for \$3.00!!

**SUBURBAN GARDEN
Collection - - - - -**

\$2.00

- 1 lb. Beans. Stringless Green Pod
- ½ lb. Beans. Burpee's Bush Lima
- 1 oz. Beet. Detroit Dark Red
- 1 oz. Carrot. Danvers Half-Long
- 1 lb. Corn. Golden Bantam
- ½ lb. Corn. Country Gentleman
- 1 pkt. Kohl Rabi. White Vienna
- 1 pkt. Lettuce. Big Boston
- 1 pkt. Lettuce. Paris White Cos
- 1 pkt. Onion. Yellow Globe
- 1 pkt. Parsley. Extra Curled
- 1 lb. Peas. Alaska
- ½ lb. Peas. Gradus
- 1 oz. Radish. Scarlet Globe
- 1 oz. Spinach. Victoria
- 1 pkt. Turnip. Golden Ball

\$2.50 Value for \$2.00 !!

**SMALL GARDEN
Collection - - - - -**

\$1.00

- 1 lb. Beans. Stringless Green Pod
- 1 pkt. Beans. Burpee's Bush Lima
- 1 pkt. Beets. Detroit Dark Red
- 1 pkt. Carrot. Danvers Half-Long
- 1 pkt. Corn. Country Gentleman
- 1 pkt. Kohlrabi. White Vienna
- 1 pkt. Lettuce. Big Boston
- 1 pkt. Parsley. Extra Curled
- 1 pkt. Peas. Alaska
- 1 pkt. Peas. Gradus
- 1 pkt. Radish. Scarlet Globe
- 1 oz. Spinach. Victoria
- 1 pkt. Turnips. Golden Ball

\$1.25 Value for \$1.00 !!

COMPLETE LIST

Highest Grade Vegetable Seeds

Alphabetically Arranged

MOST of the varieties listed herein are grown by us, under special contract, from our own stock seed. It is manifestly impossible, however, for any seedsman to grow each and every variety which he offers for sale, and, consequently, we are forced, in some instances, to secure such stock from other unquestionably reliable sources. Careful and repeated germination tests are made of all the stocks, and only those showing high germination and vitality are offered for sale.

Attention is directed to the list of Specialties on pages 6 to 17. Special stocks of our own and strains of certain varieties which, by careful selection and breeding, we have brought very close to perfection are listed there, and in making up your orders these should be included.

The cultural directions given, while necessarily limited, are as complete as space permits, and will be found very accurate.

Seeds Postpaid by Mail— Remember that the prices given in this list include delivery of all seeds by packet, ounce, quarter-pound, pound and two-pound lots. Send us the amount named in this catalog, and we guarantee safe delivery by mail, postpaid, in these quantities. Purchasers pay transit charges on larger quantities of seeds, also onion sets, potatoes, fertilizers, garden implements, plants and poultry supplies. See page 2.

Williams' Seeds With a “GROWING” Reputation

ASPARAGUS SEED

(1 oz. to 60 feet of drill.)

	Pkt.	Oz.	1/4 lb.	Lb.
Palmetto. (See engraving.) Superior to any other.....	\$.10	\$.15	\$.35	\$ 1.00

ASPARAGUS ROOTS

Palmetto. Two-year-old (buyer paying transit) 50 roots \$1.00; 100 roots \$2.00; 1000 roots \$15.00 Three-year-old roots, 50 roots \$1.50; 100 roots \$2.50; 1000 roots \$20.00.

Washington. Two-year-old roots, 50 roots \$2.50; 100 roots \$4.50; 1000 roots \$25.00

Pkt.	Lb.	10 lbs. Not Postpaid	Post- paid
2	lbs.		

BEANS

(2 lbs. to 100 feet of drill.) Green podded bush or bunch for spring planting.

Bountiful. (See Specialties, page 7).....	.10	.35	.65	2.75
Black Valentine. (See Specialties, page 7).....	.10	.35	.65	2.25
Dwarf Horticultural. A bush variety of the popular Climbing Horticultural. A grand shell bean.....	.10	.35	.65	3.00
Burpee's Stringless Green Pod. Valuable for home garden or for market. It is valuable for its extreme earliness and is absolutely stringless, which makes it one of our best extra early.....	.10	.35	.65	2.75
Boston Small Pea. White shell Bean.....	.10	.35	.65	2.25
Extra Early Red Valentine. A popular variety; erect vine with dark-green leaves. Pods of medium length .....	.10	.35	.65	2.25
Extra Early Refugee. A very early, green-podded variety, with medium-sized, green fleshy pods.....	.10	.30	.55	2.25
French Lead Pencil.....	.10	.35	.65	2.50
Giant Stringless Green Pod. (See Specialties, page 7).....	.10	.35	.65	2.50
Longfellow.....	.19	.35	.65	2.25
Refugee, or 1000 to 1. One of the best for late Fall Planting.....	.10	.35	.65	2.50
Stringless Refugee.....	.10	.35	.65	2.75

BEANS—Dwarf Wax-Podded

Curries Rust-Proof Wax. The earliest, hardest and one of the most prolific of the flat wax-pod Beans, color golden yellow, pods long and straight.....

Davis White Kidney Wax. Pods very uniform in size, flat, very long, color light yellow.....

W. S. C. Early Harvest Wax. (See Specialties, page 7).....

Hodson Wax. One of the best all-round garden varieties. Tender and stringless.....

Round Pod Kidney Wax. (42 days). A handsome early variety especially desirable for home garden. The plants are of strong growth, spreading and very productive. The leaves are large and broad. Pods are remarkably long, about six inches, sometimes longer. They are handsome light yellow, slightly curved, wax like stringless and of very finest quality. Seed long medium sized, nearly white with a little dark marking about the eye.....

Sure Crop Wax. (See Engraving).....

W. S. C. New Stringless Wax. (See Specialties, page 6).....

Wardwell's Kidney Wax. This is an early, long, flat-podded variety, of excellent quality. It is stringless and brittle, and will produce a very heavy crop

.10	.35	.65	2.50
.10	.35	.65	2.75
.15	.40	.75	3.50
.10	.35	.65	3.00
.10	.35	.65	3.25
.10	.35	.65	3.00
.15	.40	.70	2.75
.10	.35	.65	3.00



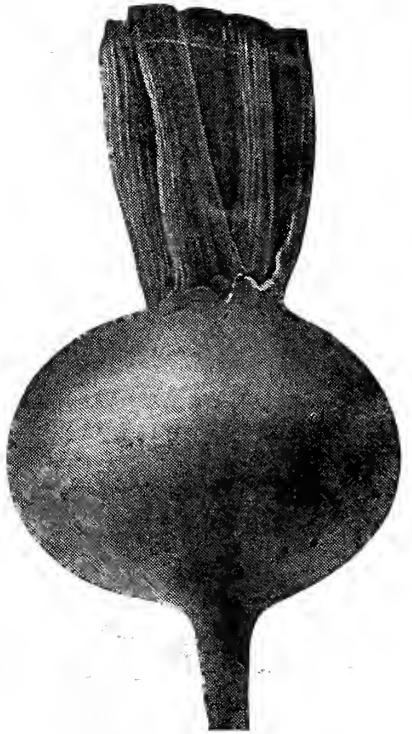
Palmetto Asparagus.



Sure Crop Wax Beans.



Burpee's Bush Lima Beans.



Crimson Beauty Beet.

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BEANS—Dwarf or Bush Lima

One pound will plant 75 to 100 hills. Sow in rows $2\frac{1}{2}$ feet apart and 6 inches between the rows after all danger of frost is over. (See engraving)

Burpee's Bush Lima. A bush form of the Large White Lima, growing about 20 inches high; the pods and Beans are nearly the same size as the latter.....

Dreer's Bush Lima. A bush form of Dreer's Pole Lima. Beans thick, sweet and succulent, growing close together in the pods. Growth vigorous, about 18 inches high, with abundant foliage. Grows well even in dry season

Fordhook Bush Lima. Plants 20 inches in height; pods 4 to 5 inches long, contain 3 to 5 delicious Limas nearly as large again as the original type. (See Specialties, page 7.).....

"Henderson" Bush Lima. (Bush Butter Bean.) (See Specialties, page 7)

Prolific Bush Lima. A much-improved type of Henderson's Bush, having more foliage and producing a larger crop of beans of larger size

10 lbs. Postpaid Pkt.	Not Post- Lb. 2 lbs. paid.
-----------------------------	----------------------------------

.10 .35 .65 3.00

.10 .40 .75 3.25

.10 .45 .80 3.75

.10 .40 .70 2.75

.10 .40 .75 3.00

BEANS—Pole Lima

One pound of seed will plant 75 to 100 hills. Plant in rows $3\frac{1}{2}$ feet apart, 4 feet apart in the row, putting about 2 beans on each side of the pole, planting after all danger of frost is over.

Carolina, or Sieva (Pole Butter Bean.) Vines have many short branches and are sometimes grown without poles. Pods are dark green, curved and flat. Very early and productive, and yields abundantly until killed by frost Known as the Butter Bean of the South.....

Carpinteria. One of the largest and most valuable sorts yet introduced. Vine is very vigorous and produces an abundance of large medium green pods, containing generally 4 large beans of exceptional quality.....

Ford's Mammoth-Podded. The result of 20 years careful selection. Vines grow vigorously, commence setting early and bear continuously until frost. Pods are 7 to 8 inches long, with 5 to 7 beans to pod, of most excellent quality either green or dry.....

King of the Garden. A vigorous grower, bearing large pods varying in from 5 to 6 inches.....

Leviathan. One of the best improvements in Pole Limas, a week earlier than ordinary kinds. Pods are nearly straight, and contain generally five well-developed beans.....

.10 .35 .65 2.75

.10 .40 .75 3.00

.10 .35 .65 2.75

.10 .40 .75 3.00

BEANS—Climbing or Pole

Old Homestead. This variety we consider superior to all other green-podded pole Beans; enormously productive, early and continuous bearer; large green pods in great clusters, stringless and tender.....

White Kentucky Wonder, or Berger's Stringless Green Pod. An early maturing white-seeded Bean of the same characteristic as the Kentucky Wonder.....

Scarlet Runner. An ornamental 10-foot vine, perfect for summer shade with dazzling scarlet flowers. The half-growth pods make perfect snaps, or may be used shelled.....

.10 .40 .75 3.00

.10 .35 .65 3.00

.10 .35 .65 3.00

BEET

Sow in rows twelve to fifteen inches apart, thin out to four inches in row; plant seed about half inch deep as early as ground can be worked. For late crop plant up to end of July. Beets like a deep, rich, sandy loam. **One ounce will sow 50 feet of drill; six to eight pounds to an acre.**

W. S. C. Crimson Beauty Beet. (See Specialties, page 6).....

Postpaid
Pkt. Oz. $\frac{1}{4}$ lb. Lb.

.10 .25 .75 2.00

Crosby's Egyptian. An improvement over Egyptian, being equally as early, larger, and less flat, very uniform in size and shape, with small foliage. Flesh of excellent quality and of a distinct red slightly zoned.....

.05 .15 .35 1.00

Detroit Dark Red. One of the very best for home or market garden and for canning purposes. Roots uniformly smooth, of medium size, and globe shaped; skin, dark red; flesh, solid vermillion red.....

.05 .15 .35 1.00

Eclipse. One of the best to follow after the very early sorts. When young it may be bunched, but it is also used as a basket beet, and is known and sells freely on every market. It is medium in size, the tops small for size of root, the outer color is dark and the flesh blood red.....

.05 .10 .35 1.00

Edmand's. A handsome, uniform, turnip-shaped Beet smooth and of good size; tops small, flesh red; fine for late crop.....

.05 .15 .35 .85

Egyptian. (Extra Early.) A quick maturing, early variety very dark colored; should be used when young.....

.05 .15 .40 1.25

Swiss Chard. An improved type of a delicious vegetable in reality a Beet in which cultivation has developed the leaves instead of the root. It is sown at the same season as Beetroot in rows about $1\frac{1}{2}$ feet apart, and the plants thinned out to 1 ft. apart.....

.05 .15 .35 1.25

SUGAR BEETS

Lane's Imperial Sugar A hardy and productive sort. Heavy yielder, with large percentage of sugar.....

.10 .30 .75

Vilmorin's Improved. About the richest in sugar contents of any variety. A heavy yielder, giving 10 to 15 tons to the acre. Does best on new land....

.15 .30 .75

MANGEL-WURZEL

Golden Tankard. Especially food for dairy feeding. It is a bright yellow color and a heavy yielder; very nutritious.....

.10 .20 .65

Improved Mammoth Long Red. Largest and most productive variety; Does best in good, deep, loamy soil.....

.10 .20 .65

BRUSSELS SPROUTS

	Pkt.	Postpaid Oz. $\frac{1}{4}$ lb. Lb.		
Half-Dwarf Perfection. A splendid variety. Plants grow 18 inches to 3 feet high, are very hardy and give compact round sprouts of large size and good quality. (See engraving.) . . . . .	.10	.25 .75 2.50		
Broccoli. White Cape. Medium sized, creamy white heads, similar but inferior to Cauliflower, though harder . . . . .	.15	.75 2.00		



Brussels Sprouts.

CABBAGE

EARLY VARIETIES. One ounce will produce 2,000 plants.

W. S. C. Early Jersey Wakefield, Williams' Special Select Stock. (See page 8) . . . . .	.10	.35 1.00 3.50		
Early Jersey Wakefield. . . . . .	.10	.30 .75 2.50		
W. S. C. Large or Charleston Wakefield, Williams' Special Select Stock. (See page 8) . . . . .	.10	.35 1.00 3.50		
Charleston or Large Wakefield. . . . . .	.10	.30 .75 2.50		
Early Market Garden Flat. (See Specialties, page 8) . . . . .	.10	.35 1.00 3.50		
W. C. S. Copenhagen Market. The heads are very solid with a small core and of fine quality; the average weight about ten pounds. It matures as early as the Charleston Wakefield and will give a much heavier yield than that popular variety; the plant is short stemmed. . . . .	.10	.35 1.10 4.00		
Copenhagen Market. . . . . .	.10	.30 .85 2.50		
Pilot. This variety is ready for market or table use in about 75 to 80 days after sowing the seed. It is the earliest variety grown, but does not have as hard a head as the later varieties. Leaves grow compactly together and it may be planted very closely. . . . .	.15	.35 1.10 4.00		

SECOND EARLY or SUMMER VARIETIES.

All Head. One of the largest second early sorts; excellent quality. It is remarkably solid, deep, flat and very uniform. (See engraving) . . . . .	.10	.30 .85 3.00		
Early Flat Dutch. A very valuable second early variety. The plants are short-stemmed and upright, and can be set very close together. The head is solid, nearly round and very uniform in size and shape. . . . .	.10	.30 .85 3.00		
Early Summer. A variety largely used for second early and an exceptionally good Cabbage. . . . .	.10	.35 1.00 3.50		
Florida Header. . . . . .	.10	.35 1.00 3.50		
Louisville Drumhead. . . . . .	.10	.30 .85 3.00		
Succession. Resembles All Seasons, except that it is earlier. It is so solid that it is used largely for a Fall Cabbage . . . . .	.10	.35 .85 3.00		



All Head Cabbage.

LATE or WINTER VARIETIES

Danish Winter Ballhead, or Hollander. (Short stem.) A splendid large, hard-heading variety. . . . .	.10	.30 .80 3.00		
Premium Late Drumhead. . . . . .	.10	.30 .85 3.00		
Premium Flat Dutch. Heads large, solid, broad, and flat on top. Excellent Winter variety. . . . .	.10	.30 .85 3.00		
Surehead. . . . . .	.10	.30 .85 3.00		
Mammoth Red Rock. Heads are always deep red color and extremely solid. Average weight about ten pounds each. . . . .	.10	.30 .85 3.00		
American Perfection Drumhead Savoy. The Savoy Cabbage is not grown as much as it should be. The quality is very fine, especially after frost. . . . .	.10	.30 .85 3.00		
Chinese Improved or Pe-Tsai. The strain we offer resembles when well-grown Cos Lettuce rather than Cabbage. It is often called Celery Cabbage on the market. The leaves when young are crimped, of light green color and appear like smooth leaved mustard but with much broader and heavier midribs. The plant as it matures becomes more upright and forms heads much like Cos Lettuce. The inner leaves blanch an attractive light yellow or creamy white with very white midribs. It is of distinctive flavor, very mild and pleasant. It is served as a salad like lettuce or cooked like asparagus. . . . .	.10	.40 1.25 4.50		



Snowball Cauliflower.

CAULIFLOWER

W. S. C. Early Snow Queen. (See Specialties, Page 8)		50 4.00 12.50 45.00		
Snowball. This is an old, well-known variety which we can strongly recommend. It is valuable for forcing under glass for a winter crop, and equally valuable for outdoor work, and consequently much esteemed by both private and market growers. (See engraving) . . . . .	.25	2.25 8.00 30.00		
Extra Selected Early Dwarf Erfurt. The finest strain of the Erfurt Cauliflower; almost as early as the Snowball , producing very solid, pure white heads of the very finest quality. . . . .	.15	2.00 7.00 25.00		



Long Orange Carrot.



True Georgia Collard.



Golden Rod Sweet Corn.

CARROT FOR TABLE AND STOCK

Select rich or well manured soil worked deep, because this is a deep rooted Pkt. Oz. $\frac{1}{4}$ lb. Lb. Postpaid
crop and the soil should be prepared deep enough to allow the roots to penetrate the soil without difficulty. Sow 1 ounce of seed to 100 feet of row in shallow drills, 16 to 18 inches apart, in early spring when leaves are starting out. Make several sowings about two weeks apart so you will have a succession crop. When plants are well started, thin out to four inches apart in the row.

Chantenay or Model. An excellent half-long variety and one of the best in quality for the home garden. The roots are 5½ inches long, stump rooted, and a deep orange-red in color.....	.05	.15	.35	1.25
Danver's Half-Long. The best variety for general purposes and the most largely used, not only for stock raising, but for table use as well. Color is a bright orange-scarlet. It is a very heavy cropper.....	.05	.15	.30	1.00
Guerande, or Oxheart. Roots are broad at the top, terminating abruptly in a small tap root. On account of their shape they are easily dug.....	.05	.15	.30	1.00
Intermediate. This excellent variety of Carrot is of English origin, and its handsome shape, rich red color and fine quality appeal to all who plant it....	.05	.15	.30	1.00
W. S. C. Pride of the Market. (See Specialties, page 9).....	.05	.20	.60	2.00
Rubicon Half-Long. A half-long stump-rooted variety, smooth and of good color and a quick grower. This variety is used by many gardeners for a sash carrot.....	.05	.15	.35	1.25
Improved Long Orange. Old, well-known variety. Roots long and of a deep rich orange color. (See engraving).....	.05	.10	.30	.85

COLLARDS

There is nothing that can take the place of Collards in the Southern Garden.

North Carolina Short-Stem. Has a very short stem, with large, spreading leaves; very hardy, and yields good returns.....	.05	.15	.30	1.00
True Georgia. A well-known standard sort, and the one most generally used in the South.....	.05	.10	.30	.85
Cabbaging.....	.05	.15	.45	1.50

CORN—Sweet or Sugar

Make hills 2½ to 3 feet apart each way, dropping 5 or 6 grains in each hill, thinning out afterward to 2 or 3 stalks to the hill, according to the richness of your soil and moisture. A continuous supply can be kept up by either planting early, medium and late varieties at one time, or else by making several plantings at intervals of 15 days

Black Mexican. Medium early, bearing 8-inch ears, well filled with large kernels, which, paradoxically, though black when ripe, are white when "green" and then exceptionally sweet.....	.10	.25	.45	1.75
Country Gentleman. (See Specialties, page 10).....	.10	.30	.50	1.75
Golden Bantam. (See Specialties, page 10).....	.10	.30	.50	2.00
Golden Rod. One of the best of the yellow varieties—a cross between Golden Bantam and Stowell's Evergreen, having the merits of both parents—plants 6 to 7 ft. high; ears 8 to 9 in. long—deliciously sweet. (See engraving).....	.10	.30	.50	1.75
Golden Giant. (See Specialties, page 10).....	.10	.50	.85	2.50
Stowell's Evergreen. (See Specialties, page 10).....	.10	.30	.50	1.75

POP-CORN

White Rice. Probably the most popular of all pop-corns. It pops pure white; the quality is excellent.....	.10	.35	.60	2.65
Pop-Corn for Popping.....	.10	.30	.55	2.00

CORN FOR ROASTING EARS.

Norfolk Market. (See Specialties, page 10).....	.10	.25	.45	1.50
Extra Early Adams. The earliest of all corn and the first to make ears. Plant dwarf and stocky and grains of fair quality.....	.10	.25	.45	1.50
Large Early Adams. Although not a sweet corn, can often be used as such on account of its fine, white kernels, which are quite sweet and tender. Is very hardy and can be planted earlier than the early varieties of sweet corn..	.10	.25	.45	1.50
Truckers' Favorite.....	.10	.25	.45	1.50

CELERY

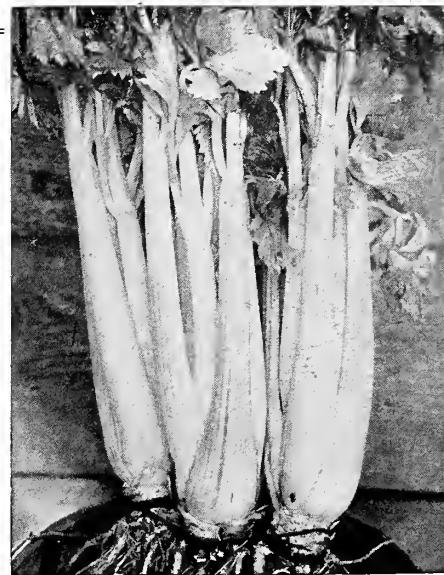
(1 oz. for 3,000 plants.)

Postpaid
Pkt. Oz. $\frac{1}{4}$ lb. Lb.

Celery seed is very small and the seed should be sown in partly-shaded beds the soil has been worked down very fine. The seed should be scattered thinly on the surface then barely covered with finely sifted soil, not covering over a quarter inch. Keep bed well moistened but not soaking wet. Transplant to open ground when about 6 inches high and about 6 to 8 inches apart in the row. As plants grow keep hilling up to bleach.

W. S. C. Golden Self-Blanching or Paris Golden. (See Specialties, page 9.) See Engraving.

French Grown.....	.25	1.00	3.75	14.00
California Grown.....	.10	.75	2.50	8.50
Giant Pascal. Rather tall, with stems near-round, and when blanched is white, brittle and especially good flavor.....	.10	.25	.75	2.50
White Plume. A comparatively easy variety to grow, as it is fairly hardy, and being naturally white, is easy to blanch.....	.10	.20	.60	2.00
Winter Queen. The standard variety for winter keeping.....	.10	.25	.60	2.00
Celeriac, or Turnip-Rooted Celery. Produces roots which keep for winter; it is highly esteemed either cooked or as salad.....	.10	.25	.75	2.50
Large Smooth, Prague. A highly developed and larger form, almost round, uniform, smooth-skinned and free from side roots.....	.10	.25	.75	2.50



White Plume Celery.

CHERVIL

Curled. The young, aromatic leaves are used in soups and salads.....	.05	.15	.40	1.00
Chicory. Large-Rooted or Coffee......	.05	.20	.60	2.00
Witloof, or French Endive. Esteemed as a salad plant. Spring-sown seeds produce Parsnip-like roots by November.....	.05	.25	.75	2.50

CORN SALAD

Large leaved, Fetticus, or "Lamb's Lettuce." Hardy little plants, grown for late fall, winter and spring use; they form rosettes of tender, edible leaves which are used as a substitute for Lettuce.....

.10 .15 .45 1.50

CRESS, or PEPPER GRASS used as Salad.

Extra Curled. Crisp, pungent leaves, finely cut and ornamental; used as a condiment and for garnishing; rapid growing, dwarf and compact.....	.05	.15	.30	1.00
Water Cress. Highly esteemed for salads and garnishing, must be grown along moist banks or in tubs in water covered soil.....	.10	.60	2.00	7.00
Broad-Leaved. A form of Salad. Quite popular.....	.05	.15	.40	1.50

CUCUMBER

(1 oz. for 60 hills.) To obtain early Cucumbers plant the seeds about the first of May in frames, without much bottom heat, or small pots may be plunged into the soil in the frames, and a few seeds placed in each. In three or four weeks these may be transplanted into open ground. Hills 3 or 4 feet apart each way. When the plants are well started, thin out, leaving four of the strongest in each hill. Seeds may be planted in hills late in May, making the crop somewhat later.				
W. S. C. Peerless. For description see specialties, page 9.....	.10	.20	.60	2.00
Arlington White Spine. This variety is one of superior quality for forcing. Color is dark green, with very little of the white spine showing; it is extra long.....	.05	.10	.30	.85
Davis' Perfect. Should not be planted for best results nearer than 5 feet apart. It has excellent color, and the flesh is very crisp and delicate in flavor.....	.05	.15	.35	1.25
Early Fortune......	.05	.15	.30	1.00
Japanese Climbing. A distinct and valuable type, may be grown on a trellis, taking up less room in the garden and keeping the fruits up from the ground and clean.....	.05	.15	.45	1.50
Jersey Pickling. The standard variety for pickling.....	.0	.15	.35	1.25
Long Green. Dark Green fruits, 12 to 14 inches long; quality, firm crisp and excellent. It is the best variety for big yellow pickles.....	.05	.15	.35	1.25
Success. In earliness, productiveness and color-retaining qualities we believe it to be unsurpassed by any variety on the market. The fruit is long, cylindrical, dark green, with white spine, and with white, crisp, tender flesh.....	.05	.15	.35	1.25
West Indian Gherkins, or "Burr" Cucumber. Small, oval green fruits, about 2 inches long, covered with soft, fleshy protuberances like prickles; exclusively used for pickles.....	.05	.15	.60	2.00



W. S. C. Peerless Cucumber.

DANDELION

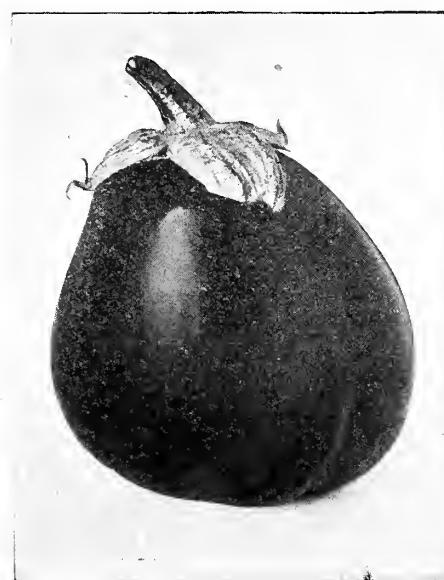
Thick Leaf or Cabbage......

.15 .60 1.75 6.00

EGGPLANT

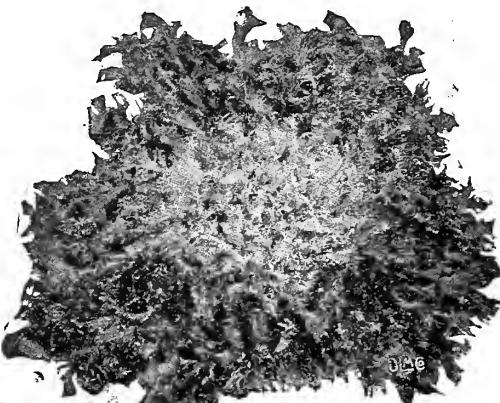
Sow early in March in hotbeds, transplant to four to six inches apart. Plant out in open ground about May 20

W. S. C. Virginia Black Mammoth, (See Specialties, page 11) .....	.25	1.25	4.00	14.00
New Orleans Market Egg Plant......	.15	.75	1.75	6.00
W. S. C. Black Beauty. Rich purple black in color and a remarkable market variety. Is early and makes also fine sort for the home garden. (See engraving).....	.15	.50	1.75	6.00
California Tree......	.15	.75	2.00	7.50
Florida High Bush. Very productive; large pear shaped, purple fruits of fine quality. Plant carries fruit well above ground.....	.10	.40	1.50	5.00
New York Improved Large Purple. The principal market variety; plants are large and spreading; fruits large and deep rich purple.....	.10	.50	1.50	5.00



Black Beauty Egg Plant.

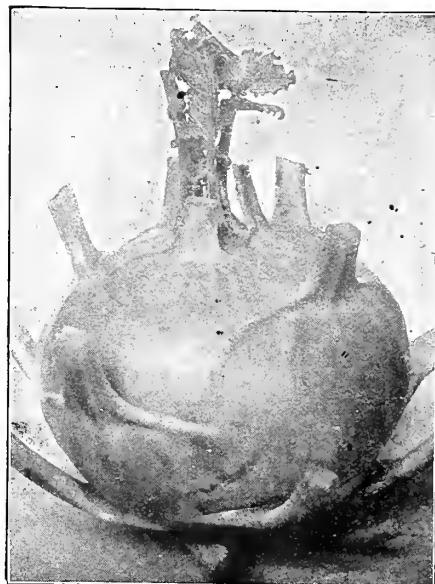
If you want a fine, deep green, velvet lawn, sow Williams' Emerald Lawn Grass Seed this spring. 1 lb. 45c; 2 lbs. 80c; 5 lbs. \$2.00; 20 lbs. \$7.25; postage prepaid.



Green Curled Endive.



Dwarf Curled Scotch Kale.



Kohl Rabi.

ENDIVE

(1 oz. for 100 feet of drill.)

	Postpaid	Pkt.	Oz.	1/4 lb.	Lb.
"Escarolle" One of the best salads, especially when blanched; also much used for garnishing; if boiled, makes fine "greens".....	.10	.15	.40	1.25	
Green Curled. Has very curly leaves, the midrib being white and blanched, and the outer edges very much indented and creased. A very attractive plant and one of the very best varieties. (See engraving).....	.05	.15	.40	1.25	
White Curled. Finely cut leaves, almost white with yellowish midribs, can be used without blanching when young.....	.05	.15	.40	1.25	
Fetticus. (See Corn Salad.)					

HERBS

In the olden days all careful housewives had an herb garden, and the drying and packing of herbs was an important duty, as it was recognized that the flavoring of most dishes depended on a supply of clean, well-cured herbs. No household is complete without an Herb Garden.

Anise (No. 980) Aromatic seeds used as a condiment. Leaves finely fringed and are used in garnishing and flavoring.....	.10				
Chervil. Can be planted any time in the early spring. The leaves should be kept cut, and if not allowed to run to seed, will keep green for a long time. Is more finely curled and handsome than parsley, and makes an excellent garnish.....	.10	.45			
Coriander.....	.10	.25	.75		
Basil, Sweet. The leaves are used for flavoring soups, stews, etc. Sow seed in early Spring in boxes and transplant in early summer to open ground.....	.10	.25	.75		
Fennel. Sow in early Spring outdoors. The leaves are used for making sauces	.10	.20	.75		
Lavender (Lavendula spica). Sow in early Spring outdoors. The flowers are dried and used by the housewife for scenting the linen.....	.10	.50	1.75		
Marjoram, Sweet. Sow in early Spring outdoors. The fresh dried leaves and young shoots are used for seasoning.....	.10	.35	1.00		
Rosemary. Sow in early Spring outdoors. The aromatic leaves are used for seasoning.....	.10	.50	1.75		
Sage. Sow in early Spring outdoors. Used extensively for seasoning.....	.10	.45	1.50		
Savory, Summer. Sow in early Spring outdoors. The leaves and flowers are used for seasoning.....	.10	.35	1.00		
Thyme. The leaves are used for seasoning and are also made into tea for nervous headaches.....	.10	.50	1.50		
Dill. The seeds have an aromatic odor and pungent taste. They are used as a condiment and for pickling with Cucumber.....	.10	.30	1.00		

HORSE RADISH ROOTS

(Maliner Kren). 35c. doz.; \$1.50, 100.

KALE, or BORECOLE

(1 oz. for 150 feet of drill.)

Scotch Kale should be sown from the latter part of July to last of August; Siberian Kale from middle of August to last of September. Sow in rows from 2 to 3 feet apart, thinning later to 6 to 8 inches in the row. Cultivate like cabbage. Spring or Smooth Kale can be sown either in Fall or Spring, and either broadcast or in drills.	.05	.15	.50	1.75	
Bloomsdale Extra Curled Blue Green. Better than Dwarf Green Curled Scotch as its very dwarf curled, broader spreading, far denser with dark foliage. Much harder than all other varieties.....	.05	.15	.40	1.25	
W. S. C. Extra Dwarf Green Curled Scotch. (See Specialties, page 11) ..	.05	.10	.30	1.00	
Dwarf Curled Scotch. Extra fine curled, bright green leaves tender and fine. (See engraving).....	.05	.10	.25	.75	
Siberian or German Greens (Sprouts). A very hardy variety. Popular with the market gardeners, very fine curled. Should be sown in September in rows one foot apart for Spring greens.....	.05	.10	.15	.40	
Spring, or Smooth Kale. A hardy, quick-growing smooth-leaved variety. The best for Spring sowing, but also largely sown in the Fall, as it makes greens earlier than the Winter varieties. It has no value as a shipping sort, but there is always a good local market.....	.05	.10	.15	.40	
Hanover Salad. A rapid-growing "green" that can be sown in the Spring or Fall. Being so easily grown, it should be in every home garden.....	.05	.10	.15	.35	

KOHL RABI

A bulbous-formed vegetable; when cooked, before fully grown is tender and excellent, combining the flavors of Cabbage and Turnip. (See engraving.)

Early Purple Vienna. The outside color is purple; flesh white and delicate..	.10	.25	.85	3.00	
Large White Vienna. Large, quick-growing, greenish-white skin and tender white flesh. (See page 11).....	.10	.25	.75	2.25	

LEEK

(1 oz. will sow 100 feet of drill.)

Monstrous Caretan. (See Specialties, page 11).....	.10	.25	.75	2.50	
American Flag. Strong, vigorous growth, excellent for the market gardener..	.10	.25	.75	2.50	

LETTUCE

1 oz. for 3,000 plants).

Lettuce is easy to grow, but requires rich, moist soil, clean and thorough cultivation and plenty of water to give it that quick-growth on which depends its tenderness and flavor. They may be had at all seasons of the year. The earliest sowings should be made in a hot-bed or in boxes indoors, hardened off and set 8 to 12 inches apart in 18-inch rows. For a succession sow every three weeks. Sowings may be made in open ground early in the Spring and the plants thinned out. For Fall use, sow in July and August. Fall sowings of hardy kinds should be made in September.	.10	.25	.60	2.25	
W. S. C. Double Rogued Big Boston. (See Specialties, page 11) ..	.10	.25	.60	2.25	

LETTUCE—Continued

	Pkt.	Postpaid Oz.	$\frac{1}{4}$ lb.	lb.
Big Boston. A popular market variety, used largely in the South to grow winter lettuce for Northern markets. (See special Big Boston, page 11.)	.05	.15	.50	1.50
California Cream Butter. Large, solid heads; leaves slightly blotched; resists heat well, and is hardy.	.05	.15	.40	1.50
Crisp as Ice.	.10	.20	.75	2.25
Hanson. A handsome, large, loose-heading summer variety of fine quality....	.05	.15	.50	1.50
Iceberg. A very attractive looking Lettuce and of high quality. It is crisp, tender, and a sure header.	.10	.25	.75	2.60
May King. A very good early variety, solid, crisp heads....	.05	.15	.40	1.50
Mignonette. A small, sturdy, all-head Lettuce; the hearts yellow, tender and crisp; outside leaves tinged russet. It is very early, hardy, long-standing, and fine for late fall crops in cold frames....	.10	.20	.60	2.00
New York or Wonderful. One of the large varieties; very crisp....	.10	.30	.85	3.00
Salamander. The standard summer lettuce. There is no variety which stands heat better. It will produce good lettuce when it is scarcest on the market, and will prove one of the most profitable crops....	.05	.15	.35	1.25
Tenderheart. An excellent variety for early frame use, and for first outdoor sowing. The plant is of medium size, and attractive in color....	.05	.15	.40	1.25
Unrivaled. This new variety is early in maturing, being ready for use about the same time as Big Boston which it resembles in appearance with the exception of the red tinge.	.10	.25	.75	2.25
Curled Varieties. This type does not form compact heads, but large masses of curly, crisp leaves, which are practically everbearing.				
Black-Seeded Simpson. It stands the summer heat splendidly, and is practically everbearing....	.05	.15	.40	1.50
Early Curled Simpson. Forms a compact mass of yellowish-green, curly leaves; earlier than head Lettuces....	.05	.15	.40	1.50
Grand Rapids. Beautifully crumpled and curled....	.05	.15	.40	1.50

COS, or "ROMAINE" VARIETIES.

Paris White Cos. A splendid sort for summer use, leaves quite erect....	.10	.20	.60	2.00
Trianon. Self-bleaching Cos Lettuce of excellent flavor. Very crisp....	.10	.20	.60	2.00

MUSHROOM SPAWN

DIRECT BRICKS. inoculated direct from pure cultures. Per brick, 30c; (by mail, 40c); by express, 5 bricks, \$1.25; 10 bricks, \$2.25.

MELON, MUSK, or CANTALOUPE

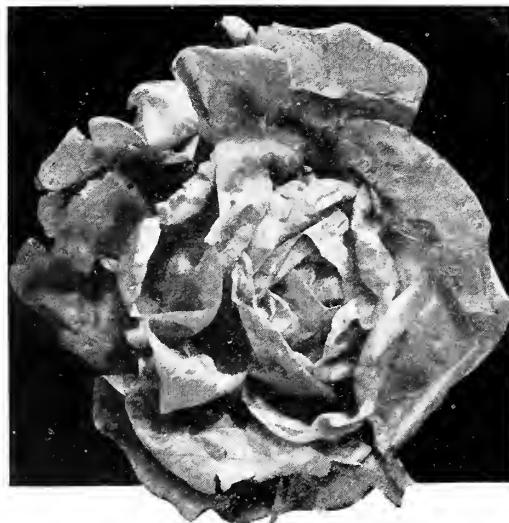
(1 oz. for 60 hills.)

Do not plant until all danger from frost is over, in hills six feet apart each way. Put a dozen seeds in a hill, and when danger from bugs is over thin to three or four plants. Pinch main stems, which will strengthen the vine, and the fruit will core earlier.				
Banana. So called on account of its shape; salmon colored flesh....	.05	.15	.45	1.50
W. S. C. Bottomly. (See Specialties, page 12)....	.10	.30	1.00	3.50
Cassaba.	.05	.15	.40	1.50
Edwards Perfecto.	.05	.30	1.00	3.25
Emerald Gem.	.05	.15	.40	1.50
Fordhook. (See Specialties, page 12)....	.10	.20	.60	2.00
Hackensack. A large green-fleshed variety, round, but depressed from stem to blossom ends, with well defined ribs and strong netting....	.05	.15	.40	1.50
Heart of Gold.....	.10	.30	1.00	3.50
Honey Dew. The rind is a dull white when ripe. Part of the melon shows slight checks in the rind like a tendency to net. This appears when the melon is ready to pick. This melon is 6-7 inches through and about 8 inches long..	.10	.20	.60	2.00
Jenny Lind. This is the earliest variety. The fruit is small, round-flat, evenly ribbed, of a most attractive greenish-gold color. Its flavor is unsurpassed and it is an enormous cropper.....	.05	.15	.35	1.25
Miller's Cream, or Osage. Medium to large, slightly oval and handsomely netted; flesh rich salmon, deep, firm, sweet and melting....	.05	.15	.40	1.50
Netted Rock King.....	.10	.20	.60	2.00
W. S. C. New Rival. Another development from the Rocky Ford, earlier, larger and much more productive. Very sweet and with delicious aroma. The skin is of light golden hue, and the flesh is bright green, ripening close to the rind.....	.05	.15	.35	1.25
W. S. C. New Knight. (See Specialties, page 12)....	.10	.25	.75	2.50
Pollcock No. 25.....	.05	.15	.50	1.75
Paul Rose. It ripens an immense number of moderate-sized fruits; flesh salmon, deep, sweet and richly flavored....	.05	.15	.40	1.50
Rocky Ford. The most popular market variety. An improvement on the netted Gem varieties; more oblong, skin is light and green netted. Flesh is green, excellent flavor; unsurpassed for shipping....	.05	.15	.35	1.25
The Ideal.....	.10	.20	.60	2.00

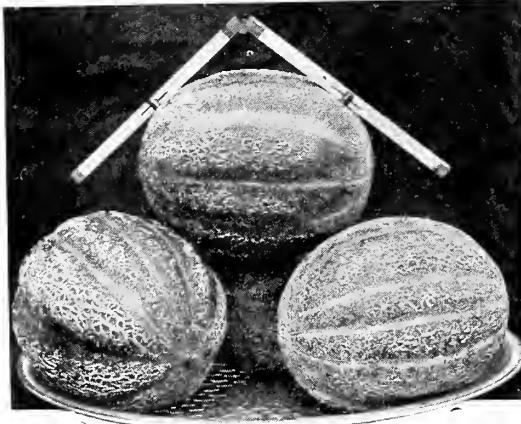
WATERMELON

(1 oz. for 30 hills.)

Carolina Bradford.....	.05	.10	.30	1.00
Citron. Red seeded. Small, round fruits, for preserves only....	.05	.10	.25	.85
Excel. Many growers claim that for shipping it is even better than Tom Watson. In appearance it strongly resembles the Watson, has a very thin, tough rind, is uniformly large, averaging from 40 to 60 lbs., single melons frequently weighing 75 to 80 lbs....	.05	.15	.40	1.50
Florida Favorite. One of the earliest and best of the large oblong Melons; rind thin but hard, mottled green; flesh clear crimson....	.05	.15	.30	1.00



May King Lettuce.



Osage Muskmelon.



Georgia Rattlesnake Watermelon.

PROFIT-SHARING COUPON

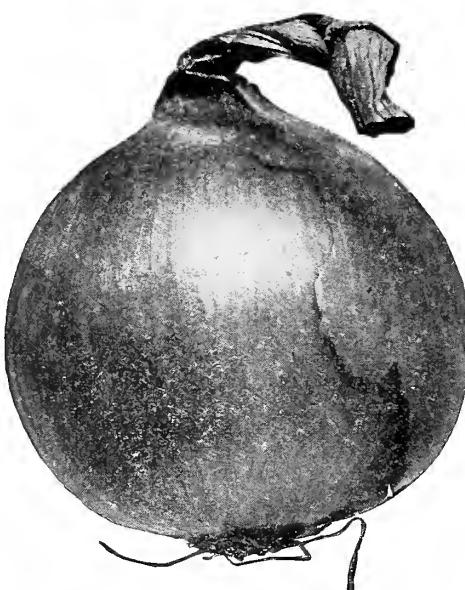
On the inside front cover of this book, purchasers will find our profit-sharing coupon. This coupon counts as cash on all orders for vegetable or flower seeds amounting to \$1.50 or over. Be sure to enclose the coupon with your order and deduct the 25c from the total amount of your order.



Kleckley's Sweet Watermelon.



White Velvet Okra.



Prizetaker Onion.

WATERMELON—Continued

	Postpaid
	Pkt. Oz. $\frac{1}{4}$ lb. Lb.
Georgia Rattlesnake. One of the oldest and most popular sorts. A large, oblong variety with decided stripes of light and deep green. Rind is tough, but flesh is of good quality and bright red.....	.05 .15 .30 1.00
Halbert Honey. Is especially sweet in flavor, crisp and brittle, and well ripened to a very thin rind. Oblong and extra fine quality.....	.05 .15 .30 .90
Harris Earliest......	.05 .15 .40 1.75
Irish Gray. In sweetness it is like Kleckley Sweet in shipping quality, uniformity in shape, size and in productiveness it compares with Tom Watson. The thin rind is so tough it will not burst from rough treatment in transit; Its keeping quality will appeal to shippers who have experienced losses on account of glutted markets.....	.05 .15 .40 1.25
Kleckley Sweet. The sweetest of all Watermelons. Fine flavored and grained, tender meat. Fruits are large size, rind very thin and green, very brittle; flesh scarlet and firm; and a variety everyone should grow.....	.05 .15 .30 1.00
W. S. C. Tom Watson Extra Select Strain. (See Specialties, page 12.)...	.10 .35 1.00 3.50
Tom Watson. Long oval shape, thin but tough rind; bright scarlet flesh; excellent quality.....	.05 .15 .35 1.25

MUSTARD FOR SPRING SALAD

Sow in any good garden soil thickly in drills 14 to 16 inches apart. Give clean culture, keeping free from grass and weeds. Leaves are large enough to use as a salad in from four to six weeks from sowing, and can be cut all through the winter. Sow from January to April. Use one ounce of seed to 200 feet of row.

Giant Southern Curled Mustard......	.05 .10 .30 .75
Chinese. Large, succulent leaves, pleasantly pungent .....	.05 .10 .30 .75
Broad Leaved. Makes a large and tender growth for greens without bitter taste. Ready six weeks from sowing.....	.05 .15 .30 1.00
Ostrich Plume. The most beautiful of all mustards. The leaves are long, ruffled and curled as gracefully as an ostrich plume.....	.05 .10 .30 .75

OKRA or GUMBO

The pods sliced are esteemed for soups, stews, etc. and must be gathered when young.

Dwarf Stalk Long Green Pod. Dwarf, but immensely productive. The pods are tender, of the best quality, and are borne throughout the season....	.05 .15 .30 1.00
Perkins Mammoth. The pods shoot out from the stalk within three inches from the ground and the entire plant seems to be covered with pods of intense green color and unusual length and does not get hard quickly.....	.05 .15 .25 .75
White Velvet. Smooth and of a velvety appearance. Tender and of good flavor.....	.05 .15 .25 .75

ONION

Sow thinly in drills about $\frac{1}{4}$ -inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand 3 to 4 ins. apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply or to collect it about the growing bulbs. An ounce will sow 100 feet of drill. Four to five pounds to the acre.

Ailsa Craig. The largest of all onions, often weighing three pounds and over, each. In England it is the foremost variety.....	.10 .30 1.00 3.50
Bermuda, Red. Large, flat; light red-skinned onions of mild flavor.....	.10 .25 .85 3.00
Bermuda, White. Flat in shape, grows very quickly, exceedingly mild.....	.10 .25 .85 3.00
Crystal White Wax. A greatly improved type of white Bermuda.....	.15 .40 1.25 4.00
Extra Early White Pearl. Large, pearly white, tender, mild, excellent flavor, grows quickly; white skin. The best variety for fall setting to make early spring onions.....	.10 .25 .90 3.50
Prizetaker. A very fine large yellow variety, almost round. It is the largest variety in general cultivation, sometimes attaining 5 inches in diameter. It is good for shipping where the market requires size, and is an excellent keeper. (See engraving).....	.10 .25 .60 2.00
Queen. A very early, small, flat, white and mild pickle Onion, and of great value for early bunching.....	.10 .35 1.00 3.50
Red Creole Onion. Principally grown in Florida.....	.15 .25 1.25 4.00
Southport White Globe. Yields abundantly, producing handsome and uniformly globe-shaped bulbs. The flesh is firm, fine-grained and of mild flavor. To produce the beautifully white Onions, so much sought in every market, one must, first of all, have good seed. Second, grow them well on rich land. Third, exercise great care in harvesting and curing the crop.....	.10 .35 1.00 3.50
Southport Yellow Globe. A fine, orange-yellow, globe-shaped variety. Is a heavy cropper and forms a long-keeping hard bulb.....	.10 .25 .75 2.60
Wethersfield (Large Red). Bulb large, flattened, yet quite thick, skin deep purplish red. Good keeper.....	.10 .25 .75 2.60
White Portugal, or Silver Skin. (See Specialties, page 13.).....	.10 .30 .85 3.00
Yellow Globe Danvers. Very productive and a good standard variety for both home use and market. A fairly good keeper, solid, rather mild. Skin of pale yellow color.....	.10 .25 .75 2.50
Silver-Skin Sets. Sets from White Portugal or Silver Skin seed. Make large silvery white onions of fine quality when mature. Plant a few for early green onions. Pt. 15c; qt. 30c; 2 qts. 55c.	
Yellow Danvers Sets. Make medium sized, globe-shaped yellow onions of the sort described under "Yellow Globe Danvers." The standard yellow variety. Pt. 15c; qt. 30c; 2 qts. 55c.	
Red Onion Sets. Pt. 15c; qt. 30c; 2 qts. 55c.	
Pearl Sets for fall planting only. Pt. 15c; qt. 30c; 2 qts. 55c.	

PARSLEY

(1 oz. for 150 feet of drill.)

Postpaid			
Pkt.	Oz.	1/4 lb.	Lb.
Champion Moss Curled.	Densely curled, dark green leaves; beautiful for garnishing; a very select and productive stock.....	.05	.15 .30 1.00
Extra Double Curled. (See Specialties, page 13.).....		.05	.15 .30 1.00
Plain. The leaves are not curled; plant very hardy.....		.05	.15 .30 .90
Hamburg-Rooted.....		.05	.15 .30 .90



Hollow Crown Parsnip.

PARSNIP

(1 oz. for 200 feet of drill.)

Improved Hollow Crown. The best all-round variety of parsnips; the leaves start from a depression in the crown of the root, thus giving it the name "Hollow Crown". Rich, very sweet flavor, immensely productive, ready for use in 80 to 85 days (See engraving).....

.05 .15 .25 .75

PEANUTS

Six to eight quarts shelled nuts to the acre. They are best adapted for light sandy soil tolerably high. They should be planted in April and May in rows 2 1/2 to 3 feet apart and eight to ten inches apart in the row. Drop three or four good nuts to each hill and cover about two inches.....

Tennessee Red. Especially adapted to land in Tennessee and the Carolinas. These peanuts contain three to four kernels each and are enormously productive.....

.30

Virginia Bunch. A very prolific variety planted almost exclusively in the peanut-growing section of Virginia. This is the standard variety for roasting.....

.25

Jumbo. The largest variety of all peanuts and exceedingly productive. Adapted to this climate and all peanut-growing sections.....

.25

Spanish. Nuts small, and have a thin hull, full kernel

.25

Write for prices on large quantities of Peanuts.

PEAS

(2 lbs. to 100 feet of drill.)

Peas do best in light, rich, loamy soil that has been liberally manured the previous season. Plant the smooth varieties as early as the ground can be worked. The wrinkled peas are not as hardy as the smooth kinds, and Pkt. Lb. 2 lbs. paid should be planted later; they are, however, sweeter and better flavored. For a succession, plant every two weeks—as late as August for a late crop. Plant in double rows 6 to 8 inches apart, 2 to 3 inches deep, and stake with brush. They should be kept clean and the earth worked toward them two or three times during growth.

10 lbs.

Not

Alaska. 2 1/2 feet. A wonderfully early, smooth, blue Pea; vines slender; pods very dark green, about 3 inches long, well-filled with small, smooth, blue-green peas. The earliness, uniformity in ripening and deep color render it a desirable market and canning Pea.....

Postpaid

Post-

paid

.10 .30 .50 2.00

Ameer. A smooth-seeded variety within three days as early as Alaska; just as hardy, but about twice the size. A valuable variety for the South.....

.10 .35 .60 2.00

W. S. C. Blue Bantam. (See Specialties, page 14.).....

.10 .35 .65 2.60

First and Best. An old and well-known variety of first early; a good yielder..

.10 .35 .60 2.00

Gradus, or Prosperity. The most popular of the long, large-podded wrinkled Peas. Of the finest quality, and matures pods only a few days later than the extra early smooth Peas. The immense size of the pods, borne in such great profusion and so liberally filled, insures a bountiful supply at all times. Prosperity should be planted a little thicker than other large-podded sorts, as the vine is single stemmed and consequently occupies less room than the heavier growing, branching varieties. This is really one of its valuable features.

.10 .35 .65 2.60

Improved Sugar Marrow. Early, hardy, productive. Having very little in common with the old Marrowfat varieties except the name, this popular variety should be more largely used. Nearly equal in flavor to the best of the wrinkled varieties, and is especially good for canning.....

.10 .35 .60 1.75

Laxtonian. One of the earliest dwarf Peas. Vines are vigorous, growing about eighteen inches high, well covered with large, even-sized pods averaging 8 to 9 to a vine and 9 to 10 peas in a pod. Quality of the best.....

.10 .35 .65 2.60

Market Surprise. The earliest variety grown bearing large well filled pods. Profitable for market.....

.10 .45 .85 3.50

W. S. C. New Era. (See Specialties, page 13.).....

.15 .40 .70 2.50

Nonpareil.

.10 .30 .50 2.00

Nott's Excelsior. This is an extra early dwarf wrinkled pea, usually ready for table in 40 to 45 days from planting. It grows about 14 inches high. It is of vigorous constitution, and wonderfully productive. The even, regular habit of the plant is also a great advantage.....

.10 .35 .65 2.50

Pedigree Extra Early. A smooth-seeded variety that cannot be too highly recommended. In a planting where ten varieties are wanted to produce a continuous succession of Peas from June 1, this variety heads the list, and will give you Peas 4 or 5 days earlier. A splendid cropper; Peas very tender, of good flavor, and carried in long, well-filled pods. Height 2 1/2 feet.....

.10 .35 .60 2.50

Pioneer (Sutton's Dwarf). This is a new variety of dwarf habit, vines 15 to 18 inches, a strong, vigorous grower, maturing same time as Gradus.....

.10 .35 .65 2.60

Premium Gem. Improved Strain, of McLean's Little Gem. Of dwarf growth, maturing early. The vines grow from twelve to fifteen inches in height, and are very productive; pods two and a half to three inches long, round, and well filled with peas of delicious flavor.....

.10 .35 .65 2.25

Prolific Early Market. Large, handsome pods, similar in shape to First and Best, but larger. Very prolific. Pods 2 1/2 inches long, blunt end, light green. Height 30 inches. Very largely used for fall planting.....

.10 .35 .60 2.00

Stratagem. Pods of large size, well filled with large, dark-green peas of rich, flavor.....

.15 .45 .85 3.00

Telephone. One of the most productive of the large-podded wrinkled sort..

.10 .45 .85 3.00

Thomas Laxton. A heavy and reliable cropper, bearing uniform, long, straight, square-ended, dark green pods, containing 7 to 8 large, rich-flavored, deep green peas. Almost as early as the extra early smooth peas.....

.10 .35 .85 3.00

W. S. C. World Beater. (See Specialties, page 14.).....

.15 .35 .65 2.75

EDIBLE-PODDED PEAS.

Mammoth Melting Sugar. Vines grow about four feet high; very productive. Pods average 5 to 6 inches in length, and 1 1/2 inches in width; broken cooked same as string beans.....

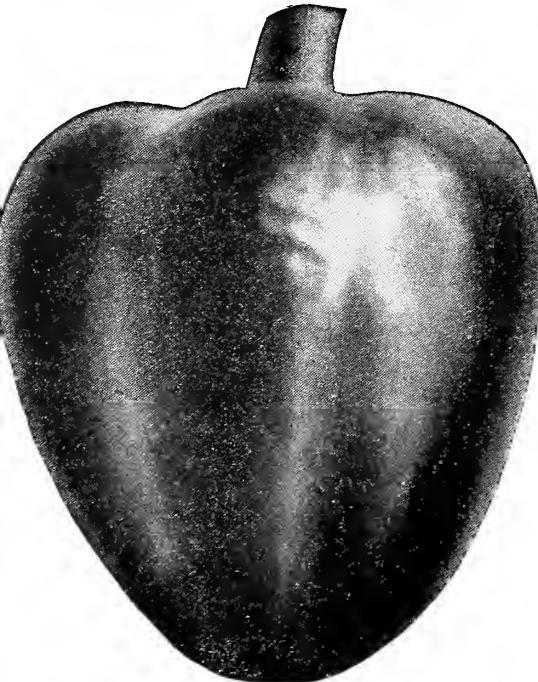
.10 .40 .75 3.00



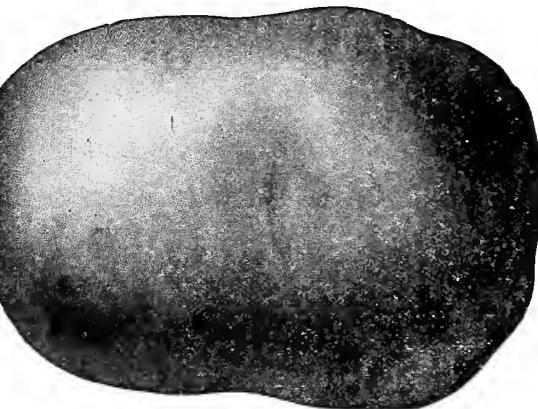
Double Curled Parsley.



World Beater Peas.



Pimento Pepper.



Irish Cobbler Potato



King of the Mammoth Pumpkin.

PEPPERS

(One ounce will produce about 200 plants.)

Sow in hotbed in March or in the open ground in April; transplant in rows 20 inches apart each way. The seed may be sown in the open ground after all danger of frost is passed.

	Pkt.	Oz.	1/4lb.	Lb.	Postpaid
Chinese Giant. The fruits are mammoth, averaging 12 to 15 inches in circumference and, notwithstanding the immense size, are early and prolific; the well-branched plants, about 2 feet high, carry a large crop of most attractive Peppers. The flesh is thick, tender, mild, sweet.....	.10	.50	1.75	6.00	
Crimson Giant. An early maturing large-size sweet pepper, similar in shape to Bull Nose, but much larger, and flesh thicker. It is exceptionally mild and very prolific. Color of fruit green when young, deep crimson when matured..	.10	.50	1.75	6.00	
Large Bell, or Bull Nose. A large early, bright red variety of mild flavor; a favorite for stuffing when green.....	.10	.35	1.00	3.50	
Long Red Cayenne. Bright scarlet, cone-shaped, pungent pods, as much used for pickling when green as when ripe.....	.10	.40	1.40	5.00	
Red Chili. Small bright red Peppers, very hot and pungent, and generally used for making Pepper sauce; very prolific.....	.10	.35	1.00	3.50	
Pimento Pepper. This is a sweet Pepper—that is the difference—one which you will enjoy eating in salad, either fresh or canned. (See engraving)....	.10	.35	1.00	3.75	
Ruby Giant. A variety of Mango Pepper, which is of a desirable size and shape for stuffing.....	.10	.40	1.25	4.50	
W. C. S. Ruby King. Special Select Stock. (See Specialties, page 14.)	.15	.60	2.75	6.00	
Ruby King. A popular variety of the Bell, or Bull Nose type. The fruit is large, bright, glossy red.....	.10	.35	1.00	3.50	
W. S. C. World Beater. It is a cross between Chinese Giant and Ruby King, having the shape of the Ruby King, except that it is broader at the pointed end and almost the size of the Chinese Giant. It is far more prolific than Chinese Giant, some plants producing as high as twenty-four marketable peppers, and it is fully as early as Ruby King.....	.15	.50	1.75	6.50	
Worldbeater......	.10	.35	1.00	3.50	

Not Prepaid				
Peck	Bu.	Sack		
15	60	165		
lbs.	lbs.	lbs.		

POTATOES

Three to four barrels sufficient for one acre. One peck will plant 75 hills. Potatoes sent by express or freight, purchaser paying transit.

Early Rose. (Early). The standard variety for general use, and one of the best early varieties.....	.75	2.50	6.50	
Green Mountain. A medium late, large, handsome, oval white potato. A prolific yielder, and always of fine eating quality.....	.75	2.50	6.50	
Irish Cobbler. (See Specialties, page 15.).....	.75	2.50	6.50	
Red Bliss. To those who prefer a potato with a pink skin and white flesh or those who grow for markets where this color is in demand, we recommend Red Bliss .....	.75	2.50	6.50	
Spaulding's No. 4 Rose. This is a heavy yielding variety, little later than the Early Rose, very popular in the trucking districts of Florida.....	.75	2.50	6.50	

LATE CROP POTATOES

Hobo Potato. A new variety principally used for fall planting. Heavy yielding; also fine for table use. Can be planted successfully July 15th and ready for digging October 15th. Write for prices in the fall.

Peachblow. Becoming steadily more popular as a fall Potato. A prolific yielder of medium-large tubers, and of heavy vine growth. Write for prices in the fall.

Southern Wonder. (See Specialties, page 15.)

PUMPKIN

(1 oz. for 30 to 50 hills.)

Sow when all danger from frost is over in hills eight feet apart, thin out to four plants in a hill. The common practice is to drop two or three seeds in every third of fourth hill in the corn field.

	Pkt.	Oz.	1/4lb.	Lb.	Postpaid
Cheese. The most popular for pies and table use; large, flat-round; creamy-yellow skin; thick, orange flesh of fine quality; a splendid keeper .....	.05	.10	.30	.85	
Connecticut Field. A productive, large, orange-colored, field Pumpkin, usually grown for stock feeding, but it also makes good pies.....	.05	.15	.30	1.00	
Cushaw, or Crookneck. Large, light cream color, fine grain .....	.05	.15	.40	1.25	
King of the Mammoths. .....	.05	.15	.40	1.25	
Sugar. A handsome and productive small Pumpkin, 10 to 12 inches in diameter; round-flattened, skin orange, flesh deep yellow, fine-grained and very sweet .....	.05	.15	.35	1.25	
Tennessee Sweet Potato. For pumpkin pies we can recommend the Tennessee Sweet Potato. The flesh is thick; fine grained.....	.05	.15	.35	1.25	

PROFIT SHARING COUPON

On the inside front cover of this book, purchasers will find our profit-sharing coupon. This coupon counts as cash on all orders for vegetable or flower seeds amounting to \$1.50 or over. Be sure to enclose the coupon with your order and deduct the 25¢ from the total amount of your order.

RADISH

(1 oz. for 100 feet of drill.)

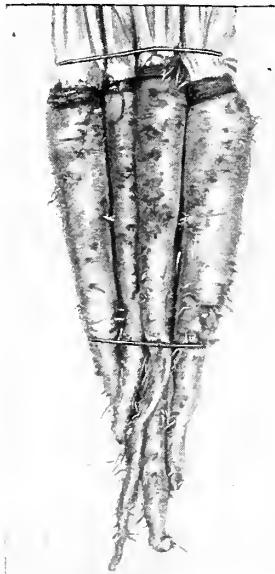
Postpaid
Pkt. Oz. $\frac{1}{4}$ lb. Lb.

No garden is complete without radishes in succession at all times.
 To be tender and crisp, radishes must be grown quickly, and this requires rich soil and plenty of moisture. Commencing with the first mild spell in the spring sow at intervals of ten days, in a light, rich, deeply-worked soil. May also be sown as a catch-crop between rows of beets, lettuce, onions, etc., or sown in the same drill with slow-growing vegetables like carrots and parsnips. When forced in hot-beds, they must have plenty of ventilation and moisture. For fall and winter use, sow the winter varieties in August or September.

Brightest Long Scarlet .....	.05	.10	.25	.75
Cincinnati Market. Similar to Long Scarlet Short Top, but a deeper red in color and remains a little longer in condition for use. ....	.05	.10	.25	.75
Early Long Scarlet Short-Top. Roots are smooth, slender, uniform in shape and of attractive bright red color. Grows about one-third out of the ground, and continues tender until matured. ....	.05	.10	.35	.75
Early Scarlet Forcing .....	.05	.15	.30	1.00
Early Scarlet Globe. (See Specialties, page 16) .....	.05	.15	.25	.75
Early Scarlet Turnip. The roots of this variety are small, nearly round, and of a bright scarlet color and remain in good condition for some time. ....	.05	.15	.25	.75
Early Scarlet Turnip White-Tipped. (See Specialties, page 16) .....	.05	.15	.25	.75
French Breakfast. A popular quick-growing variety; excellent for forcing. Oval form, scarlet, tipped with white. ....	.05	.10	.25	.75
Giant White Stuttgart. An oval-shaped white variety, used for planting in the fall, somewhat resembling a turnip. ....	.05	.15	.30	1.00
Long White Icicle .....	.05	.15	.35	1.00
New Glass .....	.05	.15	.30	1.00
Olive-shaped Scarlet. Flesh bright and crisp. ....	.05	.15	.35	1.00
White Box. An almost globe-shaped sort, slightly flattened, with pure white skin and crisp flesh. Unlike most other early sorts, it remains in fine table condition until quite overgrown. Ready in from 35 to 40 days. ....	.05	.15	.25	.75
White Strasburg. (See Specialties, page 16) .....	.05	.15	.25	.75
Winter Varieties. The flesh is so firm and compact in these that they will keep almost all winter if stored in a dry cellar; they mature slowly and need more room to grow.				
California Giant White .....	.05	.15	.40	1.50
Celestial, or White Chinese. An extra fine, large white Radish, often growing a foot in length; flesh firm, mild and crisp. ....	.05	.15	.35	1.25
Rose China Winter. A distinct half-long variety, 4 to 5 inches; skin rosy-red; flesh white and firm; good keeper. ....	.05	.15	.35	1.00
Long Black Spanish. A leading winter variety, one of the best keepers. Roots smooth, 7 to 10 inches long; skin blackish-brown; firm white flesh. ....	.05	.15	.35	1.00
Round Black Spanish. A popular summer sort, esteemed highly by Connoisseurs. ....	.05	.15	.35	1.00



Scarlet Globe Radish.



Salsify.

RHUBARB or PIE PLANT

Spring-sown seed produces roots from which a crop may be taken the second year after sowing.

Myatt's Victoria Seed. The best Rhubarb for the South. ....	.10	.20	.50	1.50
Rhubarb Roots, Victoria. Extra large divided roots. Each 15c; doz. \$1.50; 100 \$8.00. Add postage weight, 3 lbs. per dozen.				

SALSIFY, or OYSTER PLANT

(1 oz. to 75 feet of drill.)

Mammoth Sandwich Island. Tender and delicious. Superior to all other sorts. (See engraving). ....	.05	.15	.50	1.75
Sorrel, Broad-Leaved French. The best of the Garden Sorrels; large, pale green leaves of mild, acid flavor; esteemed as salad, cooked as "greens," etc.	.05	.15	.50	1.75

SPINACH

(1 oz. for 100 feet of drill.) Reputed to be most wholesome because it contains iron.

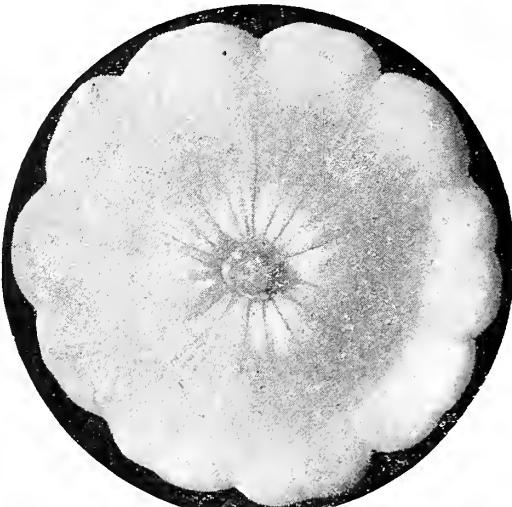
For early summer use, sow early in spring in a good, well-fertilized soil, in drills 1 inch deep. $1\frac{1}{2}$ to 2 feet between the rows. For winter and spring use sow from September to December 15. Requires but little cultivation.

Virginia Savoy Blight Resistant. (See Specialties, page 16) .....	.05	.15	.20	.75
Bloomsdale. A valuable variety which is extensively grown, producing large crops. Very early and hardy; one of the best for market and canning. Plants of upright growth, leaves of medium size, more or less crumpled or blistered; color glossy medium green. ....	.05	.10	.15	.50
New Evergreen. (See Specialties, page 16) .....	.05	.10	.20	.65
Long-Standing. A compact variety; thick, fleshy, dark green leaves; grows slowly but remains a long time fit to use before going to seed. ....	.05	.10	.15	.50
New Zealand. Sown outdoors after frost, it soon grows to a 3-foot bush and yields a continuous supply. May also be sown indoors in March and transplanted later. Soak seed 24 hours in tepid water (See engraving) ....	.05	.15	.30	1.00
Victoria. Stands in prime condition long after other varieties have bolted to seed, rendering it especially valuable for spring sowing and summer use. ....	.05	.10	.15	.50



New Zealand Spinach.

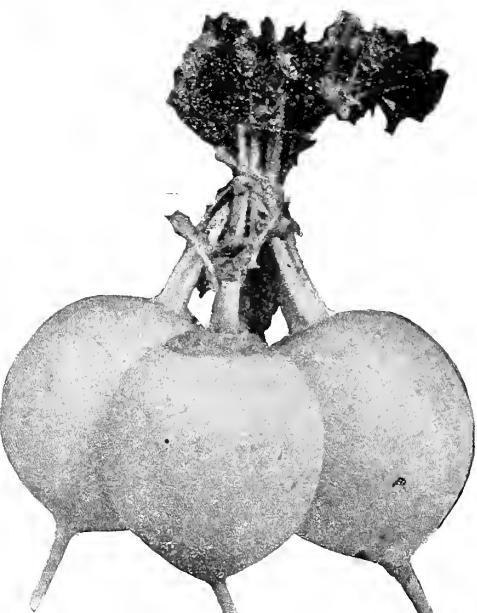
Our "BEAUTIFUL BOOK ON BULBS" will be ready in August—send your name now to make sure of your copy.



Early White Bush Squash.



Early Detroit Tomato.



White Egg Turnips.

SQUASH

	Postpaid Pkt. Oz.	$\frac{1}{4}$ lb.	Lb.
Boston Marrow. An early Fall sort of oval form; skin thin and when ripe a light orange color. Good size, excellent keeper.....	.05	.15	.30
Cocozelle. (Italian vegetable marrow.).....	.05	.15	.40
Delicata. Early, very prolific; orange colored splashed and striped with very dark green.....	.05	.15	.40
Delicious.....	.05	.15	.35
Early White Bush.....	.05	.15	.30
Benning's Early White Bush, or Cymblings.....	.05	.15	.45
Giant Summer Crookneck. The best summer variety. Fruit is bright yellow and covered with warts.....	.05	.15	.35
Golden Yellow Summer Crookneck. Old well-known crookneck variety for home and market gardens.....	.05	.15	.35
Hubbard. The most popular and widely used of the winter squashes. Fruit oblong and pointed, heavily warted, dark green in color, with orange-colored flesh. Is remarkable for its keeping qualities.....	.05	.15	.35
Mammoth White Bush. Early, uniform and prolific; has beautiful clear white skin and flesh and grows 10 to 12 inches in diameter. Fine for family gardens and near-by markets.....	.05	.15	.35
Orange Marrow. Similar to Boston.....	.05	.15	.30

TOMATO

(1 oz. for 1,500 plants.)			
W. S. C. New Early Mayflower. (See Specialties, page 17.) .....	.25	5.00	
Acme.....	.10	.40	1.25
Brimmer. The Brimmer is not the earliest tomato, although not more than 5 to 7 days later than the extra earliest.....	.10	.50	1.50
Bonny Best. An early, scarlet, round fruited variety of great value. The fruit is very even in size and shape .....	.10	.40	1.25
Chalk's Early Jewel. One of the best early varieties; about a week later than Earliana.....	.10	.40	1.25
Earliana. It is remarkable for its size and its earliness. Good form and wonderfully productive. A red color which is in demand in some markets.....	.10	.30	1.00
Early Detroit. The vines are vigorous and very productive. The fruits are very smooth (See engraving.).....	.10	.50	1.50
Florida Special.....	.10	.40	1.25
June Pink. Enormous bearer, frequently bearing clusters of six to eight fruits of medium size, uniform, smooth, and attractively shaped.....	.10	.50	1.50
Golden Ponderosa.....	.15	.50	1.50
John Baer. One of our earliest and most profitable varieties, fruit globe shaped, bright scarlet in color, good size.....	.10	.40	1.25
Ponderosa. (See Specialties, page 17.).....	.10	.45	1.75
W. S. C. Special Selected Globe. (See Specialties, page 17.) .....	.15	1.50	5.00
Selected Globe. A very popular variety with market gardeners, especially in the South. The short-jointed vines are vigorous and very productive. The tomatoes mature a little earlier than most main crop varieties. They are smooth—ripen up thoroughly and they are of a glossy purplish rose color; flesh firm, has few seeds, and is of mild flavor.....	.10	.50	1.75
Coopers' Special.....	.10	1.50	5.00
Improved Stone. one of the largest and most solid late red sorts, splendid for slicing or canning.....	.10	.35	1.25

SMALL FRUITING VARIETIES. Esteemed for preserves.

Red Cherry. Bears clusters of bright red fruits the size of a Cherry.....	.10	.50	1.50	5.00
Red, Pear-Shaped. Produces bright red pear-shaped fruits.....	.10	.50	1.50	5.00
Strawberry Winter Cherry of "Husk" Tomato. Low, spreading plants .....	.10	.50	1.50	5.00
Yellow Plum. Oval-shaped yellow fruits, 2 inches in diameter.....	.10	.50	1.50	5.00

TURNIP

(1 oz. for 150 feet of drill.) White-flesh varieties.			
Early White Flat Dutch. A standard early, white flat Turnip; an excellent garden variety; flesh white and mild.....	.05	.10	.25
Early Purple Top Milan. One of the earliest Turnips in cultivation; medium-sized, flat, smooth, white flesh and skin, with purple top .....	.05	.15	.35
Early White Milan. This is the best variety for a very early Spring crop. It is used largely at that season for bunching. It grows rapidly; is flat-round in shape, with very small leaves, and slender stems. Both skin and flesh are pure white.....	.05	.15	.35
Early Red Top Strap Leaf. This is the true strap-leaved flat-rooted sort, and a very fine stock. It is even in size, regular in shape, and the color strongly marked. The upper side of the root is purple; the lower white .....	.05	.10	.25
Long White, or Cowhorn. A long, white-fleshed Turnip, growing half above ground; although large, it is of fine quality.....	.05	.10	.25
Purple Top White Globe Turnip. An early variety very much in favor with the market gardeners. Of globe shape, heavy cropper; skin white with purplish top. Superior quality either for table use or for stock .....	.05	.10	.25
Pomeranian White Globe or Large White Norfolk. (See Specialties, page 17)	.05	.10	.25
Seven Top. Used only for greens .....	.05	.10	.20
White Egg. (See engraving.) .....	.05	.15	.25

YELLOW-FLESHED VARIETIES

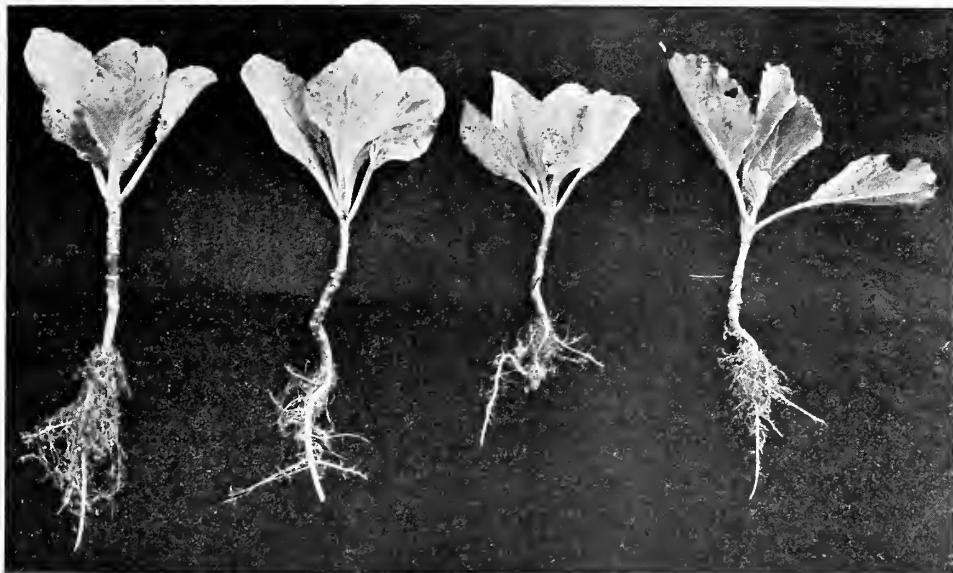
Golden-Ball, or Orange Jelly. Medium size, globe-shaped roots; very early; flesh golden-yellow, of fine texture and sweet.....	.05	.10	.25	.75
Amber or Yellow Globe. Skin is a clear yellow .....	.05	.10	.25	.75

RUTABAGA. Russian or Swedish Turnips.

American Purple-Top. (See Specialties, page 17.) .....	.05	.10	.25	.75
American Green-Top Rutabaga. Same as American Purple-Top only top is green.....	.05	.15	.30	.85

Williams' Frost Proof Cabbage Plants

Will Mature Heads Two to Three Weeks Earlier Than Your Home-Grown Plants and Double Your Profits—Why?



TO GET
THE ADVANTAGE OF
WILLIAMS' FROST-PROOF
CABBAGE PLANTS
THEY MUST
BE PLANTED
A MONTH OR SIX WEEKS
EARLIER THAN YOU
WOULD PLANT
HOME-GROWN PLANTS—
WE FILL ORDERS
FROM
DECEMBER 1st
TO
MAY 1st

There are a number of islands along the Sea Coast of South Carolina, where the soil and climatic conditions are just suited for growing tough, hardy Cabbage Plants during the Winter and early Spring. The plants make a slow but steady growth, until at eight to ten weeks of age they are very tough and hardy. The buds are purple and the outer leaves a reddish brown. When in this condition they can be shipped to territory farther north and be planted in the open ground a month to six weeks sooner than the home-grown hot bed or cold frame plants. These FROST-PROOF CABBAGE PLANTS will stand a temperature of 20 degrees above zero without injury. The land freezing, or the plants being covered with ice, sleet or snow after they are planted will not injure them, providing temperature does not go below 20 degrees above zero.

The top of the plant does not grow until your regular Spring weather opens up, but the roots grow from the time they are planted, and just as soon as Spring weather starts, the established root growth assimilates the fertilizer in the soil, the plants grow very fast, maturing headed cabbage two to three weeks sooner than you can mature them from hot bed and cold frame plants. You know what the difference in profit will be if your crop is matured and marketed before the general crop from home grown plants is matured.

Order Early to Get Plants Delivered in Time

When we receive your order for these plants, we have to forward it to our growing station which takes several days. Plants are shipped direct to you from growing station. Plants cannot be pulled or shipped when beds are wet. We sometimes have a week or ten days of continued wet weather which prevents shipment. If you do not receive your plants as soon as you expect them, you will know that weather prevents shipment. Send your order two to three weeks before you expect to set the plants and you will get them on time.

The plants when received will be somewhat wilted and have a hard stunted appearance, which will be disappointing to persons who have never used these plants before. Regardless of appearance, they will produce the crop results.

We Offer the Following Varieties

Early Jersey Wakefield, Charleston Large Type Wakefield, Succession and Early Flat Dutch

PRICES BY PARCEL POST, postage paid. In lots of 100, 200, 300, or 400 plants at 50c per 100 plants; 500 plants for \$1.60; 1000 or more at \$3.00 per 1000 plants.

Orders are filled by the 100, not 250 or 350. These prices are for even quantities of one variety to package; if you ordered 200 of one variety and 300 of another variety you would pay at the 100 rate.

PRICES BY EXPRESS, buyer paying express charges. In lots of 1000 to 3000 plants at \$2.00 per 1000; 5000 or more at \$1.50 per 1000. Plants packed for express shipment, 1000 or 2000 plants of a variety to package. They weigh about 25 pounds per thousand plants, packed for shipment.

WILLIAMS' FIELD AND FARM SEEDS



Sudan Grass.

Soy, or Soja Beans

They will grow on all kinds of soil

Culture Soy beans may be planted either broadcast or in drills. Usually a better crop is had when planted in drills and cultivated, and few crops leave the land cleaner and in better condition for the following crop than soy beans. They grow equally well on light and heavy soils, but on heavy soils they should not be planted more than 1 to 1½ inches deep, except in dry seasons. On light sandy soils they may be planted deeper, but not more than 3 inches deep. When sown broadcast sow one to one and a half bushels to the acre; in drills about a peck to the acre. Plant in April, May or June.

Mammoth Yellow The largest and most popular variety for forage purposes. A little later in maturity than other kinds, but makes larger yields, both of forage and seed. Especially valuable for this section and farther South. **Lb., 20c, postpaid. Peck, 75c; bushel, \$2.50, not ppd.**

Mung Beans Mung Beans help the land. Use 4 to 5 pounds per acre in 3½ foot rows, planting distance 12 inches apart in rows. You can plant with a Sorghum planter in a seed drill. Planted thicker makes tall plants; thinner makes bunchier plants with more seeds.

Time to plant. For hay or turning under plant in May. Planted in June or early July it makes a smaller plant but heavier seeder. It matures in 90 to 120 days, depending on time planted and weather conditions; earlier plantings take longer to mature. A wonderful soil improver. **Pound 50c; postpaid.**

Virginia Although particularly adapted to the South, the Virginia has been grown with marked success in the North and Middle West for both hay and ensilage. It matures early, makes excellent forage and a large yield of beans. The stalk is not coarse, is easily cut and easily cured. **Lb., 20c, postpaid. Peck, \$1.25; bu., \$4.00, not prepaid.**

Cow Peas

THE SOUTH'S ECONOMICAL SOIL-IMPROVING AND HAY CROP

Of great soil-improving value, also making a fine, nutritious green forage or hay crop, enriching the soil when the crop is cut off. Should be sown from May to July, at rate of 1½ bushels to acre, either broadcast or in wheat drills.

Prices on Cowpeas continually fluctuate. Write for quotations.

Black A standard variety, very prolific and early maturing, making a large growth of vine and a heavy yield of Peas. Fine also for forage. **Lb., 20c, postpaid. Peck, \$1.25; bu., \$3.50, not prepaid.**

Early, or Ramshorn Black Eye Similar in growth of vine but making larger yield than Black Eye, and maturing quicker. **Lb., 25c, postpaid. Peck, \$1.50; bushel, \$5.00, not prepaid.**

Whippoorwill A favorite, easily, upright-growing variety, with brown-speckled seed, which are easily gathered. Makes a good growth of vine, fine for dry forage, and is claimed to be superior in land-improving qualities. **Lb., 20c, postpaid. Peck, \$1.25; bushel, \$4.00, not prepaid.**

New Era Vine somewhat longer than Whippoorwill, but peas not quite as large. Makes quicker growth, however, and is valuable on this account. **Lb., 25c, postpaid. Peck, \$1.25; bushel, \$3.50, not prepaid.**

Clay Makes a vigorous growth of vine and pea, similar to Black, but later in maturing. **Lb., 20c, postpaid. Peck, \$1.00; bushel, \$3.50, not prepaid.**

Sudan Grass

A tall annual grass, growing 6 to 8 feet high when drilled, but when sown broadcast thickly does not grow quite so tall. Every farmer and stock raiser should learn about this wonderful grass, as it is eaten by all kinds of stock, and will produce more hay to the acre than any grass that has ever been introduced. Allows 3 to 4 cuttings, and produces 2 to 5 tons per acre, depending upon the soil.

Can either be drilled at the rate of 2 to 3 pounds per acre in 3-foot rows or broadcast at the rate of 10 to 20 pounds per acre. Plant from March to August. (See engraving).

Yields two or more cuttings a season.

It stools out wonderfully after the first cutting.

Stock eat it up clean, blades, stalks and heads.

A wonderful summer catch crop for hay.

A sure hay crop in a dry season.

Ready to cut in about 45 days after first cutting. It can be grown with cowpeas or soy beans.

Lb. 25c; 10 lbs. \$2.00; 100 lbs. \$15.00., not prepaid.

Oats

Grown Under Our Own Personal Supervision

Burt, or Ninety-Day The quickest growing, most prolific and free from rust, healthy, clean and makes a vigorous growth of straw, besides a good yield of grain. (See engraving). **Bushel (32 lbs.) \$1.25, not prepaid.**



Virginia Gray Winter, or Turf A Southern favorite for fall planting, being used for winter pasture as well as the grain. Also popular for spring sowing. Sown early they will outyield spring Oats, though not maturing so quickly as if sown in the fall. **Bu. (32 lbs.) \$1.50, not prepaid.**

Texas Red Rust-Proof There is no better Oat than the Texas Red Oat, grown in the State of Texas. The Texas Oats are heavy grains, nearly all of them having a distinctive beard. Color varies, according to the season. They are largely planted in the spring and early fall in Florida. **Bushel (32 lbs.) \$1.25, not prepaid.**

Fulghum Oats The Fulghum is probably the most popular of the rust-proof varieties; they are certainly one of the earliest. **Bu. (32 lbs.) \$1.50, not prepaid.**

SEED CORN

Selected Field Corn

PRICES ON FIELD SEED CONTINUE TO FLUCTUATE

Williams' Virginia Yellow Dent One of the best standard yellow varieties for this section, making a good growth of stalk and fodder, but not recommended for thin soils. As it is very early it may be planted later than other yellow sorts. Our stock is carefully selected each year and will be found entirely satisfactory in every respect. (See engraving.) **Lb. 20c, postpaid. Peck, (14 lbs.) 85c; bushel (56 lbs.) \$3.00; not prepaid.**

Prolific A heavy yielding white Corn. This is not as quick maturing as some kinds, but gives large yields. Grows 3 to 4 ears to stalk, well filled with solid heavy grains. **Peck (14 lbs.) 85c; bushel (56 lbs.) \$3.00; not prepaid.**

Virginia Horse Tooth The name Horse Tooth indicates the shape and depth of the grain. Besides making excellent ensilage it is a splendid yielding field corn. Horse Tooth has a fine reputation among dairymen and stock feeders, giving a good length of ear and an abundance of ensilage. **Lb. 20c, postpaid. Peck (14 lbs.) 75c; bushel (56 lbs.) \$2.50, not prepaid.**

Hickory King The grain is so wide and deep and the cob so small that often a single grain will cover the end of a broken cob. It has been called Poor Man's Corn because it can be depended upon to produce a crop on poor, thin land; on good land it bears two ears to the stalk. **Lb. 20c, postpaid. Peck (14 lbs.) 85c; bushel (56 lbs.) \$3.00; not prepaid.**

Trucker's Favorite A standard early white variety, useful either as early roasting ears or for early dry corn. **Lb. 20c, postpaid. Peck (14 lbs.) \$1.75; bushel (56 lbs.) \$5.50, not prepaid.**

Norfolk Market The most popular kind among our market gardeners. Very hardy, and has ready sale either in green state or matured. The ears are about 8 inches long; 14 to 16-rowed, and well filled. The grains are plump and milky when green, of exceptional quality. Our stock is absolutely true to type and of first class quality, and our customers need have no fear of this irrespective of warning to the contrary. **Pkt. 10c; lb. 25c; 2 lbs. 45c; postpaid. 10 lbs. \$1.50; bushel (56 lbs.) \$5.00.**

Latham's Mammoth Double Heaviest Yielding White Field Corn. **Lb. 20c; peck (14 lbs.) 85c; Bu. (56 lbs.) \$2.50**

Leap's Prolific Wheat

(Beardless)

It is early, stiff and long in the straw, white chaff, large in the berry, dark in color, hard, hardy, and you won't find a heavier bearer for the South. The hard, dark, large grains in compact heads from the heavy beardless spikes will fill your bins. **Lb. 20c, postpaid. Bushel (60 lbs.) \$2.50, not prepaid.**

Canada Field Peas

Canada Field Peas make a fattening and milk producing food that will grow on land that will not produce a grain crop and at the same time improve the soil by gathering and storing nitrogen—in this respect it is almost equal to the clovers. **Pound, 15c, postpaid. 100 lbs. \$7.50.**

Seed Rye

Rosen Rye This variety, which was originated by the Michigan State Agricultural Experiment Station, has long broad heads with larger, plumper berries than other varieties. Is generally regarded as yielding from 5 to 15 bushels more per acre than ordinary rye. **Lb. 15c, postpaid. Bu. (56 lbs.) \$1.75, not prepaid.**

Abruzzi A new importation, and much is claimed for it. The Abruzzi variety has a very rapid growth and stools enormously on average soil. **Write for prices.**

Florida Black Rye The only variety that will give absolutely satisfaction in Florida. You can graze this rye or cut and feed green. **Write for prices.**

Buckwheat

Buckwheat is the poor land crop, preferring light soils, but grows well on nearly all soils that are not too rich. No grain crop can be grown in so short a time, only eight to ten weeks being necessary to make the crop. No crop is easier to grow; it is a good soil improver; a splendid summer cover crop for orchards; bees that feed on buckwheat bloom give increased production of honey; it is a most excellent late summer catch crop, requiring but little preparation and labor; it is fine for smothering weeds on lands to be put into grass in the fall, and buckwheat flour makes the most delicious cakes.

Japanese A week earlier and larger-grained than Silver Hull. A good yielder. **Write for prices.**

Silver Hull Makes pure flour; has a plump, full berry and very thin hull. **Write for prices.**

Hairy, or Sand Vetch

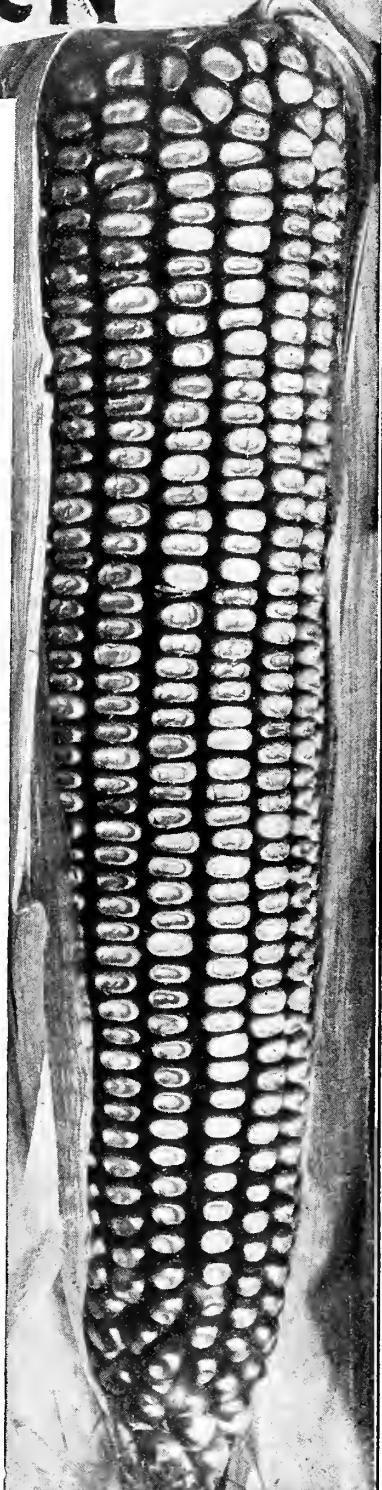
The hardest vetch. Fine for hay, grazing and improving land. Resows itself, coming year after year from a single sowing. Grows well on all soils and surprisingly well on poor, thin land, and will stand extremes of drought, heat and cold. The yield of hay is really wonderful, as many as twenty long vines growing from a single root. It may also be sown in the fall to make hay about the end of May, for an excellent pasture or to prevent the leaching of plant food from the land by the winter rains. It never winter kills. **Pound 30c; postpaid. Bushel (60 lbs.) \$13.00; 100 lbs. \$20.00, not prepaid.**

Spring Vetch

Spring Vetch is not as hardy as Hairy or Sand Vetch, but will not winter kill unless the thermometer falls below 15° degrees above zero. It is adapted to all the purposes for which Hairy Vetch is recommended, but it requires better soil and is not as resistant to drought and cold. Where conditions are favorable the yield is equally as large as Hairy Vetch. **Pound 20c, postpaid. Bushel (60 lbs.) \$6.50; 100 lbs. \$10.00, not prepaid.**

100-Day, or Speckled Velvet Beans

Pound 20c; 2 lbs. 35c, postpaid. Peck (15 lbs.) 85c; bushel (60 lbs.) \$3.00



W. S. C. Virginia Yellow Dent Corn.

Osceola Velvet Bean

The Osceola has given excellent results in Virginia, and even more northerly sections, as a forage crop. In Virginia we have found it to make fully as much growth of vine as the Early Speckled or 100-Day, with pods larger and farther advanced in the same length of time. While its strongest recommendations are for a forage crop and soil-improver, it also has the advantage, where grown for a bean crop, of being free from itching furze, which makes the other velvet beans rather disagreeable to pick. **Pound, 20c; 2 lbs., 35c, postpaid. Peck (15 lbs.) 85c; bushel (60 lbs.) \$3.00, not prepaid.**

Bermuda Grass

F Bermuda grass is as valuable to the South for grazing as Kentucky blue grass is to the North. **Lb., 40c. 100 lbs., \$35.00.**

Red Top, or Herd's Grass

THE BLUE GRASS OF THE ATLANTIC COAST

Sow 8 to 10 lbs. Fancy Cleaned Seeds to the Acre

F Red Top or Herd's Grass is one of the most valuable and satisfactory grasses for the South. **Lb., 35c. 100 lbs., \$30.00.**

Orchard Grass

Orchard grass is a very vigorous grower and yields large crops of excellent and nutritious hay, as well as having special value as a pasture grass, furnishing good grazing from early spring till winter. **Lb., 40c. 100 lbs., \$25.00.**

Timothy

The Most Extensively Grown Hay Grass—A Peck Sows an Acre.

For hay, timothy is the best known and most extensively grown of all grasses. **Lb., 25c; 100 lbs., \$15.**

Permanent Pasture Grass Seed

Composed of about 10 of the best growing and most nutritious grasses and clovers for stock feeding or grazing. One sowing will last many years. Sow 3 to 4 bushels per acre on new lands. **Lb., 35c; 10 lbs., \$3.00; 100 lbs., \$28.00, not prepaid.**

Williams' Emerald Lawn Grass Seed

See inside back cover. **Lb., 45c; 2 lbs., 80c; 5 lbs., \$2.00; 10 lbs., \$3.75; 20 lbs., \$7.25; 100 lbs., \$35.00, prepaid.**

Medium Red Clover

(*Trifolium pratense*)

This is regarded as the most valuable of the Clover family. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. It may be sown either in the spring or fall, and if no other grasses are used, at the rate of from ten to fifteen pounds to the acre, according to quality of seed, used and condition of the soil. **Lb., 35c; 100 lbs., \$30.00.**

Crimson or Annual Clover Makes excellent green foliage, or if cut when in bloom will make good hay. Especially valuable for improving the soil, making a quick, heavy and very valuable crop for plowing under. May be sown to advantage among corn, cotton and tobacco at the last cultivation, and will afford a dense mat for turning under in spring. Sow 25 to 30 pounds to the acre from July to November. **Lb., 20c; postpaid. 100 lbs., \$15.00, not prepaid.**

White Dutch Clover Thrives in any soil or climate, and being of low creeping growth is especially valuable for pastures and lawns. **Lb., 85c; postpaid. 100 lbs., \$70.00, not prepaid.**

Alfalfa, or Lucerne

Best American Grown Makes the most valuable and largest yielding hay crop known. Can get 4 to 5 cuttings a year from sowing. Can be sown in the spring, in March and April, and a satisfactory stand will make 1 or 2 cuttings the same year and full cuttings the following year. It should always be cut before coming into full bloom and handled as little as possible thereafter. 20 to 30 pounds to acre, generally broadcast. A slight top dressing of well-rotted stable manure is advisable. **Lb., 35c, postpaid. Bushel, (60 lbs.) \$19.50; 100 lbs., \$30.00, not prepaid.**



Medium Red Clover.



Improved King Cotton

In sections where the boll weevil is prevalent or where the season is short, an early maturing cotton is absolutely necessary, even regardless of the size of boll or length of lint. The Improved King will make its crop as early as any small and medium boll cotton. It makes a 3- to 4-foot plant with many small branches, and will average 38 per cent lint of medium length. Its greatest value lies in its quick maturity and good quality; for the northern section of the cotton belt, especially North Carolina and South Carolina, it is an ideal variety, as it makes its crop in a short time and opens quickly. **Write for prices.**

Golden Millet

(Choice Tennessee Grown)

Golden Millet makes a quickly grown, easily cured and large yielding, nutritious hay crop. It comes so quickly that it can be sown after wheat is cut, and leaves the land clean and in fine mechanical condition for the following crop. It is a common mistake to suppose that it is particularly exhaustive to the land. It is exhaustive if allowed to stand till the seeds form, but millet should be cut when coming into flower, as after that stage the woody fibre forms in the stem and the hay is hard and impalatable. Cut at the proper time, it makes a splendid hay. As a summer catch crop it has few equals, for it makes its crop in about sixty days, discing and harrowing wheat or oat land being the only preparation necessary.

To have the finest millet hay, sow thickly, not less than a bushel to the acre, from the middle of May till the end of July. Thin seeding makes coarse stems and a poorer hay. Sow only Southern grown millet—do not sow common or Western millet, as it does not do well in the South and you will be disappointed in the crop. (See engraving). **Lb., 15c, postpaid. Peck, 85c; Bushel, \$2.75, not prepaid.**

Sorghum

Williams' Early Amber Furnishes a large yield of most nutritious forage, good either green or cured, and yielding 2 to 3 cuttings a year, stooling out thicker each time it is cut. It takes its name from the clean amber color of the syrup. Grows 10 to 12 feet high. Sow at rate of a peck to acre, in drills 3 to 4 feet apart; broadcasted, 1 to 1½ bushels to acre. **Lb., 20c, postpaid. Bu., (50 lbs.), \$3.75, not prepaid.**

Dwarf Essex Rape

Excellent for grazing sheep, hogs and all kinds of stock. Especially valuable for sheep and hogs with young, as it is an excellent milk producer. Sow 10 lbs. to the acre broadcast; 5 lbs. if drilled. **Lb., 20c, postpaid. 5 lbs., 65c; 100 lbs., \$11.00, not prepaid.**

Beggar Weed, or Florida Clover

Adapted to Florida climate and sandy soil. A natural plant, coming from seed each year. Stock prefer it to all other. Sow at the beginning of the summer broadcast, or in the corn rows at the rate of 10 pounds per acre. **Lb., 75c. Write for prices.**

WILLIAMS' FLOWER SEEDS FOR SOUTHERN GARDENS

ALL FLOWER SEEDS ARE POST PAID AND WE GUARANTEE SAFE DELIVERY TO YOUR HOME

There are few places where some variety of Flower Seeds cannot be sown and certainly, where there is any space at all, one should have flowers. There is a sufficient variety that all can have flowers who will devote a little time and attention to their care, and experience is not necessary to produce many of our most popular varieties. For the beginner, we would suggest such kinds as Alyssum, Aster, Calliopsis, Centaurea, Cosmos, Nasturtium, Dianthus, Poppies, Verbenas and Zinnias.

Culture Light, rich loam is most suitable for flowers. The soil should be finely pulverized for best results. This is of paramount importance if one wishes to grow them successfully. They in common with all other seeds, should be sown thinly and the soil pressed firmly over them when covered. Water frequently. A good plan is sow the seed in rows about four inches apart, cover the seed about 3 times its size, then transplant to the permanent garden later. This applies to all the above varieties or those flowers to be grown from small seeds with the exception of Poppies and Nasturtiums and other large seeded varieties which can be planted where they are intended to flower, planting about two inches apart in the rows.

Annuals are those flowers that attain their full growth, bloom and die the first year. Among these are Aster, Balsam, Cosmos, Zinnias, Mignonettes, Sweet Peas, Nasturtiums, Morning Glories and other brilliant and fragrant sorts.

Biennials produced from seed generally flower the first and second year and then die, the life of the plant being two seasons.

Perennials usually do not flower the first year, unless started early in the season. Perennials live and blossom year after year. These sorts constitute the "Hardy Flowers," such as Hollyhocks, Sweet William, etc.

Hardy, Half-Hardy and Tender are common terms applied to Annuals. All hardy Annuals can be sown at same time. Peas and Radishes are usually sown in the vegetable garden. Half-Hardy Annuals may be sown at corn planting time or when there is little danger of frost. Tender Annuals should not be sown until the ground is warm and the weather is settled, usually in May.

A Garden Full of Flowers for \$1.00

Special Offer of beautiful Annual Flowers that will all bloom this year. "Garden Beautiful" Collection.

One packet each of the following 25 choice varieties all for \$1.00, postpaid.

Ageratum, Blue Perfection. Compact bushes, 8 inches high, blue flowers.

Alyssum, Little Gem. White Sweet Alyssum.

Aster, Giant Comet. Mixed Colors. One of the best Asters.

Calliopsis, Golden Wave. Large golden flowers, freely produced.

Candytuft. Hyacinth-like spikes of white flowers.

Celosia, Ostrich-Plumed, Mixed. Brilliantly showy, free-flowering.

Cosmos, Giant-Flowering, Mixed. Fall-flowering, fine and showy.

Dianthus, Double Mixed. Various colors.

Eschscholtzia, Golden West. Large flowering California Poppies.

Hollyhock, Ever-Blooming, Mixed Colors.

Larkspur, Giant Hyacinth Flowered, Mixed Colors. Large showy spikes.

Marigold, Mixed Colors. Improved African Marigolds.

Mignonette, Mammoth. Long, large spikes of fragrant flowers.

Nasturtium, Giant Flowering Tom Thumb. Large flowers of various colors.

Pansy, Finest Mixed. Large flowers of many beautiful colors.

Petunia, Large-Flowering, Single. Mixed Colors.

Phlox Drummondii, Large-Flowering Mixed. Improved varieties.

Poopy, Double, Brilliant Mixture. Immense flowers, very showy.

Portulaca, Double Mixed. Showy for edgings or low beds.

Salvia Bonfire. Scarlet Sage, compact and bushy, vivid scarlet.

Scabiosa Maxima, Double Mixed Colors. Large flowering Sweet Scabious.

Stocks, Large-Flowering, Dwarf, Double, 10 Weeks, Mixed Colors.

Sunflower, Mixed. Bushy plants. 3 to 4 feet.

Verbenae, Mammoth, Mixed. Large flowers of scarlet, white, blue, pink, etc.

Zinnia, Large, Double, Mixed Colors. Immense double flowers.

COLLECTION

\$1.00

POSTPAID



Williams' Collection of Climbing Annual Flowers

One Packet Each of the Following 10 Beautiful Varieties for 50 cts., post paid.

Canary-Bird Vine. Yellow butterfly-like flowers. 15 feet.

Cobaea Scandens. Beautiful climber, large bell-shaped, rich blue flowers. 20 feet.

Cypress Vine, Mixed. Feathery foliage, star-shaped flowers, red, white, etc. 15 feet.

Dolichos, Giant Crimson. Wistaria-like clusters of crimson flowers. 10 feet.

Humulus, Japanese Variegated. Foliage striped silver and green. 20 feet.

Moon Flower Vine. Luxuriant vine, with immense white flowers. 50 to 75 feet.

Morning Glories, Imperial Japanese, Mixed. Magnificent colors. 30 feet.

Nasturtium, Giant-Flowering, Climbing, Mixed Colors. New colors. 10 feet.

Sweet Peas, Giant Spencer, Mixed. The finest strain; no dull colors. 10 feet.

Thunbergia, Mixed Colors. Charming neat vine, flowering freely. 6 feet.

COLLECTION

50 CTS.

POSTPAID



WILD FLOWER SEEDS MIXED. Try a package of our charming wild flower garden seeds mixed. The result obtained is simply wonderful, price 15c per ounce; ½ lb., 50c; 1 lb., \$1.50; postpaid.





Invincible Asters.



Carpet of Snow Sweet Alyssum.



Giant-Flowering Antirrhinum.

Achillea Ptarmica, Double, "The Pearl."

(Sneezewort or Double White Yarrow). One of the best hardy perennials; bears a profusion of small, double, white flowers during the entire season. Fine for cutting and cemetery decoration. Height, 2½ feet. Pkt., 15c; 2 pkts., 25c.

Aconitum (Monk's Hood or Helmet Flower.)

Handsome hardy perennial, thriving best in semi-shady situations; effective in hardy borders, shrubberies, etc.; curious hood-shaped flowers in clusters; height, 4 feet; August-September.

Napellus. Blue. Pkt., 10c.

Adonis (Floss Adonis, or Pheasant's Eye).

h. a. 12 inches; flowers crimson and small. Seed should be sown in the autumn. Pkt. 10c.

Acroclinium.

Very pretty annual, producing white and rose-colored daisy-like flowers in August and September. These are the "Immortelles," so desirable for wreaths and winter bouquets. One foot. **Double mixed, pkt., 10c; single mixed, pkt., 10c; 3 pkts., 25c.**

Ageratum (Floss Flower).

A hardy annual of easy culture, especially valuable for bedding, as it is literally covered with blossoms all summer. Sow the seed early in the spring, either in boxes to transplant, or out of doors, and thin to four or six inches.

Tom Thumb, Blue Perfection. Pkt., 10c.

Tom Thumb, Snowball. Pkt. 10c.

Little Dorrit, White, new dwarf, white. Pkt., 10c.

Little Dorrit, Blue. Pkt. 10c; 3 pkts., 25c.

AFRICAN DAISY. New Hybrids.

The blooms of these New Hybrids of the Golden Orange African Daisy comprise a wonderful variety of beautiful and delicate shades of color, ranging from pure white through pale salmon and primrose tones to deepest orange. The flowers are very graceful and are produced in the greatest profusion. Pkt., 10c.

ALYSSUM.

Too well known to need description. A most thankful flower, always in bloom; principally used for borders around beds and along walks.

Benthamil (Sweet Alyssum). Pure white. 1 foot. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

"Carpet of Snow" or Little Gem.

Pure white, very dwarf and sweet scented; the best white flowering border plant; 4 inches tall. (See engraving). Pkt., 10c; oz., 75c.

Alyssum, Saxatile Compacta.

A beautiful dwarf hardy perennial for spring beds or edging a flower border. The flowers are produced in large clusters and are of a deep pure yellow; $\frac{1}{4}$ foot. Pkt., 15c; oz., \$1.50.

AMARANTHUS. Caudatus (Love Lies Bleeding).

Light yellowish, green foliage; long, drooping, crimson flower spikes. Plant three to four feet high. Pkt., 10c; 3 pkts., 25c.

AMPELOPSIS (Boston, or Japanese Ivy). Veitchi.

A hardy perennial climber, with olive-green leaves, which turn to scarlet in the autumn. The best and most popular climber for covering brick or stone walls. Pkt., 15c; 2 pkts., 25c.

ANCHUSA ITALICA (Dropmore).

A fine, large herbaceous plant; 4 to 5 feet high, with flowers of lovely Gentian blue. Pkt., 10c; $\frac{1}{4}$ oz., 60c.

ANEMONE, St. Brigid (Irish Anemone).

Enormous blooms, the size of tulips, with great variety of striking colors. Semi-double. Pkt., 15c; 2 pkts., 25c.

ANTIRRHINUM (Giant Flowering).

These improved "Snapdragons" form brilliant garden beds, flowering profusely and continuously during the summer and fall. They grow about 2 feet high. The flowers are nearly double the size of the older sorts. (see engraving).

Tall Giant-Flowering Mixed. Pkt., 10c; 3 pkts., 25c.

The following separate colors, pkt., each 15c.

Blood-Red **Orange-Scarlet** **White throat.**
Deep Scarlet **White**
Light Pink **Yellow**

Collection, 1 pkt. each, 6 separate colors, 75c.

New Dwarf Mixed. All the colors. Pkt., 15c.

Williams' Superb Asters

See Colored Illustration on outside Back Cover.

INVINCIBLE ASTERS. The latest and highest achievements in China Asters, a superior race in every way. Plants are of healthy, robust, branching growth, about 2 feet high—though under best culture often 3 feet—producing, on long stems, massive Chrysanthemum-like flowers of perfect form and graceful outline, and are exceedingly double to the very center. (see engraving).

Pkt. $\frac{1}{4}$ Oz.

Carmine-Rose.	Bright rosy-carmine	\$0.15	\$1.00
Crimson-Brilliant.	Rich bright red.....	.15	1.00
Deep Blue.	Bright indigo-blue.....	.15	1.00
Lavender.	Charming silvery-lavender.....	.15	1.00
Pearl-Pink.	Exquisite blush and shell-pink.....	.15	1.00
Violet-Purple.	Rich velvety purple.....	.15	1.00
Pure White.	Purest snow white.....	.15	1.00
Mixed Colors.	.....	.10	.75

Collection of **Invincible Asters**. 1 pkt. each of the above 7 varieties for 90c, postpaid. Any 2 packets for 25c.

CREGO'S GIANT ASTERS. We consider this the finest and largest of all. Crego Asters, bearing immense fluffy flowers five inches and over in diameter! We offer five colors, viz:

White. Pure white. Pkt., 10c; $\frac{1}{4}$ oz., 75c.

Pink. Delicate shell-pink. Pkt., 10c; $\frac{1}{4}$ oz., 75c.

Purple. Bright purple. Pkt., 10c; $\frac{1}{4}$ oz., 75c.

Rose. Rich deep rose. Pkt., 10c; $\frac{1}{4}$ oz., 75c.

Lavender. Deep lavender. Pkt., 10c; $\frac{1}{4}$ oz., 75c.

Crego's Mixed. All colors. Pkt., 10c; 3 pkts., 25c.

Collection of a packet each of the 5 colors, 40c, postpaid.

OSTRICH FEATHER. The flowers of this class resemble the Japanese Chrysanthemum with its long, curved, fringe-like petals, giving a feathery appearance; of immense size. $2\frac{1}{2}$ feet.

Finest Mixed. Pkt., 15c; $\frac{1}{4}$ oz., \$1.00.

SIMPLE'S LATE-FLOWERING ASTERS. Superior late-flowering Branching Asters. The flowers are large, very double and borne on long stems. They begin blooming about the first of September. 18 inches to 2 feet high.

Mixed Colors. Pkt., 10c; $\frac{1}{4}$ oz., 65c.

AQUILEGIA (Columbine).

Hardy garden perennials. Very effective when grown in beds or the herbaceous border. Height $\frac{1}{2}$ to 3 feet. (See engraving.)

AMERICAN HYBRID COLUMBINE. The plants are robust; the flower stems, often 40 inches in height, carry clusters of immense long-spurred, single flowers. The colors are superb. Pkt. 25c; $\frac{1}{4}$ oz. \$1.25.

Cœrulea Hybrida. Long-spurred flowers of white and blue. Pkt. 15c; 2 pkts. 25c.

Double-Flowering, Long-Spurred Hybrids. Beautiful long-spurred, large, double flowers, formed of several rows of cornucopia-like petals and in various shades of yellow, lavender, blue, indigo and white. Pkt. 25c.

Single, Large-Flowering, Mixed Colors. Pkt. 10c; $\frac{1}{4}$ oz. \$1.00.



Aquilegia Mixed Colors.

ARCTOTIS GRANDIS (The African Lilac Daisy).

Grows in large branching bushes, 2 feet in height and breadth; flowers are pure white on the upper surface, and pale lilac below. Pkt. 15c; $\frac{1}{4}$ oz. 75c.

ARISTOLOCHIA SIPHO (Dutchman's Pipe).

Strong growing, hardy climber, with large, thick, shining foliage and curious yellowish-brown, pipe-shaped flowers. Seed takes two to three months to germinate. Pkt. 10c; 3 pkts. 25c.

ARTEMESIA or "SUMMER FIR"

This ornamental foliage plant (*Saccharum Viridis*) is an annual and owing to its fast growth reaches its full size the year of sowing. It forms pyramidal bushes 3 to 5 feet high. As a solitary plant it looks like a nicely developed Christmas tree. Pkt. 15c; 2 pkts. 25c.

ASPARAGUS.

Seeds start slowly and should be soaked in good warm water before sowing. Tender perennial; makes a pillar climber where there is little frost.

Plumosus Nanus. A dwarf variety, very delicate and feathery. Pkt. 20c; 100 seeds \$1.00. *Sprengeri* (Emerald Feather). Feathery-leaved variety, with drooping branches. The variety for hanging baskets. Pkt. 20c; 100 seeds 50c.

AURICULA (Primula Auricula).

A great favorite in England, where flower shows are held of this plant alone. From a prize collection. Pkt. 35c; 2 pkts. 60c.

BACHELOR'S BUTTON. See *Centaurea Cyanus*.

BALLOON VINE.

Climbing annual. Pkt. 10c; 3 pkts. 25c.

BALSAM, or LADY'S SLIPPER.

A tender annual, with brittle stems and foliage. Grows about 12 inches high. Flowers both single and double in bright colors and variations; are wax-like and grow close to the stem. (See engraving.) Mixed Colors. Pkt. 10c; $\frac{1}{2}$ oz. 75c.

BARTONIA AUREA. (Golden Bartonia).

h. a.; 2 feet tall; is a native of California. Bright yellow single flowers, 2 inches across. Sow the seed where the plants are to remain, since it does not transplant easily. Pkt. 10c; $\frac{1}{2}$ oz. 40c.

BEGONIA.

Begonias are much superior to Geraniums for bedding. For growing in pots this strain is superb, producing a high percentage of really first quality double flowers, equaling the best named varieties.

Tuberous Rooted. Choicest Double. This fine strain contains all the largest and best forms and most brilliant colors in cultiva-



Balsam, or Lady's Slipper.

tion. Blooms 6 inches across. Pkt. 50c; 2 pkts. 90c.

Crown Mixed Single, including Fringed Varieties. The blooms are borne on long stout stems, which raise them well above the foliage. For size and quality of the flowers, combined with brilliance in colors, this mixture is unequalled. Pkt. 25c; 2 pkts. 40c.

BELLIS PERENNIS. (Double Daisy).

Often called English Daisy. This daisy makes a fine border and is often seen dotted in a grass lawn; h. p.; 6 inches.

Double, Mixed. Pkt. 20c; $\frac{1}{8}$ oz. \$1.00. **Monstrosa.** Extra Double Fine Mixed. Pkt. 25c.

BLUE LACE FLOWER. (Queen Anne's Blue Lace.)

Exquisite—a flower you cannot do without in your garden. Beautiful large, lace-like flowers, similar to wild carrot, but of a lovely, delicate azure-blue gracefully poised on long stems. Sow in the hotbed in March and outdoors in May and again in June, and you can cut flowers until frost. Pkt. 25c.

BRACHYCOME (Swan River Daisy).

Produces an abundance of pretty blue and white flowers; h. a.; 8 inches. Pkt. 15c.

BROWALLIA.

A half-hardy annual, making a fine bedding plant. Blooms profusely. The flowers are bright ultra-marine blue, and also sky blue with white center. Mixed pkt. 25c.

CALCEOLARIA.

Gorgeous plants for greenhouse and window decoration. The flowers are borne in the greatest profusion through spring and summer; colors, yellow, maroon, white, etc., spotted and blotched in the most unique fashion; $\frac{1}{2}$ feet. Large-Flowering Spotted Varieties, Mixed. Pkt. 30c; 2 pkts. 50c.

CALENDULA (Pot Marigold).

Very hardy annual, one foot high, blooming freely at any time of year, including winter, and for several months. Desirable for rather inferior soils.

Double Mixed. A good mixture of 8 to 10 different shades of yellow, some clear colors and some shaded and striped. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Lemon King. Large very double lemon flowers. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Meteor. Yellow flowers, striped with orange. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Prince of Orange. A fine deep orange; double. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

CALIFORNIA POPPY. See *Eschscholtzia*.

CALLIOPSIS.

An "old-fashioned" flower and a general favorite. It grows about 3 feet high and is fine for cutting and some sorts for bedding. h. a. Blossoms single and about two to four inches in diameter.

Mixed. A gorgeous mixture of golden yellow, brown, maroon and other shades. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Drummondii (Golden Wave). Yellow, maroon center. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

CANARY BIRD FLOWER (*Tropaeolum Canariense*).

A tender climbing annual of the Nasturtium family. Blossoms have curiously winked petals and are light yellow. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

CANNA.

Mixture of the popular varieties. Flowers in red, yellow, and all plants have large ornamental leaves and give a tropical effect. (See engraving.) Mixed pkt. 10c; $\frac{1}{4}$ oz. 50c.



Canna from Seed.

CANTERBURY BELLS (Companula Medium).

A hardy biennial blooming the second year from seed, or the first year, if sown early. Easily grown and preferring rich, moist soil. Grows about 3 feet high and bears double and single varieties of blue, white, purple and red flowers.

Single Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

Blue. Pkt. 10c; 3 pkts. 25c.

Double Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

Cup and Saucer Type. In this variety the outer petal forms a brim like a saucer. Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 75c.

Light Blue. Pkt. 10c.

CANDYTUFT.

The annual Candytufts are universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produce flowers early in spring.

Giant Hyacinth-Flowered or Improved Empress. As the result of extra care and painstaking selection this is now the finest of all the white varieties, being a complete mass of pure white flowers, in a pyramid of bloom. (See engraving.) Pkt. 10c; $\frac{1}{2}$ oz. 50c.

Mixed. A splendid mixture containing all the colors. Pkt. 10c; $\frac{1}{2}$ oz. 50c.

HARDY CANDYTUFT (Iberis) Gibraltarica. Pale lilac. 1 foot. May, June. Large, fragrant flowers in clusters; pretty evergreen foliage. Pkt. 25c.

Sempervirens. White. 10 inches. April, May. Pkt. 25c.

CARNATIONS. Marguerite.

An extra vigorous race. Especially adapted for out-of-door culture. The plants are trim in habit, perpetual, and flower abundantly in five months from sowing the seed. Marguerite Carnations are highly fragrant, and have beautiful double flowers.

Mixed. Pkt. 10c; $\frac{1}{4}$ oz. \$1.00.

CHABAUD'S EVERBLOOMING CARNATIONS. Flowering continuously after six months from sowing. Plants thick-set and bushy; stalks stiff and upright, bearing immense double blossoms of perfect regularity, some with fringed edges, some with smooth, some with rich solid colors, others tinted and blended, and others with featherings and picotee markings, and all perfuming the air with their sweetness. (See engraving.)

Chabaud's Fancy, Mixed Colors. Pkt. 25c.

LONG-STEMMED PERPETUAL-FLOWERING CARNATIONS.

America has led the world the last few years in developing the Carnation. Our improved kinds produce immense double flowers of perfect form on strong, long stems; the colors are varied and beautiful. Mixed Colors. Pkt. 25c.

CELOSIA PLUMOSA (Feathered Cockscomb).

A splendid decorative plant for the garden. The feathery plumes are produced on long stems and are excellent for cutting. Can also be cut and dried for winter bouquets.

Childsi (Chinese Woolflower). Plants grow $2\frac{1}{2}$ feet high, and produce a large number of ball-shaped scarlet flowers, resembling silky wool. Pkt. 20c.

Thompsoni Magnifica. An improved strain with various colors, ranging from the clearest yellow to the darkest blood-red; 3 feet. Pkt. 10c; $\frac{1}{4}$ oz. 75c.

CRESTED COCKSCOMB.

Very desirable annuals of easy culture, producing large, brilliant, comb-like heads; make excellent border plants, and are also attractive for pots; 1 to $1\frac{1}{2}$ feet.

Choice Mixed. Dwarf varieties. Pkt. 10c; $\frac{1}{4}$ oz. 75c.



Calendula Mixed.

Single-Flowering Varieties:

Evening Star. Sheeted with large, single golden-yellow flowers. Pkt. 10c.

Morning Star. Large, cream-yellow flowers; profuse. Pkt. 10c.

North Star. Single giant flowers of white, with a soft yellow zone contrasting effectively against the bold black disk. Pkt. 10c.

Mixed Single Annual Varieties. Pkt. 10c; 3 pkts. 25c.

Oriental Hardy Chrysanthemum. Pkt. 25c.

CINERARIA HYBRIDA.

Magnificent and indispensable flowering plants for spring decoration in the conservatory or window garden. The flowers measure 2 to 3 inches across, and cover the plant with a sheet of bloom. Color: White, blue, violet and crimson shades; usually two or more colors are shown in one flower.

Large-Flowering, Choicest Mixed. Pkt. 35c.

STAR-FLOWERED CINERARIAS. Star. (Cineraria Stellata Hybrids, Improved.) Tall, pyramidal plants, bearing quantities of medium-sized star-like flowers in immense umbels; an exceedingly decorative pot plant. Colors: White, rose, red, carmine and blue mixed. Pkt. 35c.

CLARKIA ELEGANS.

A mighty handsome annual, which should be far more widely known. It is of easy cultivation, graceful in habit of growth, and lends itself as well to bedding as for cutting. The flowers are borne all along the stems and resemble carnations to quite an extent. 1 foot. July to October.

Double Finest Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

CLEMATIS.

A popular hardy perennial climber. An old favorite, and justly so, for there are few garden climbers that give more satisfaction.

Paniculata. Small flowered white Clematis. Pkt. 10c.

Cleome, or Giant Spider Plant. A hardy annual, growing four to five feet high and bearing in profusion rose-purple blossoms that are shaped something like a spider. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

COBEA SCANDENS.

A half hardy climbing perennial, with large leaves and large bell-shaped flowers. Blossom is green until nearly grown, when it turns bright-purplish blue. Grows about 30 feet long, and is very desirable for covering a large lattice. A native of Mexico. Pkt. 10c; 3 pkts. 25c.

COCKSCOMB. See Celosia Cristata.



Chabaud's Everblooming Carnation.

CENTAUREAS, Centaureus Cyanus (Cornflower or Bachelor's Button.)

Also known as Blue Bottle, Ragged Sailor, Bluet, etc.; an old favorite garden annual, flowering freely in almost any situation; excellent for cutting; 2 feet.

Double Blue. Large flowering. Pkt. 10c; $\frac{1}{4}$ oz. 75c.

Double Pink. Pkt. 10c; $\frac{1}{4}$ oz. 75c.

Double Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

CENTAUREA IMPERIALIS, or SWEET SULTAN. The finest of all Sweet Sultans for cut flower purposes; gigantic, beautiful, sweet-scented flowers borne on long stems. They are well adapted for cutting and remain fresh long after being cut. Height 2 to 3 feet. Per pkt. each, 10c.

Deep Rose, White, Purple, Yellow.

Choice Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

CENTAUREA (Dusty Miller). Extensively used for ribbon beds, edgings, vases, etc.; the foliage is silver-gray.

Candidissima. Compact plants, silvery leaves; 1 foot. Pkt. 15c.

Gymnocarpa. Graceful arching silver-gray leaves; 1/2 foot. Pkt. 15c.

CHRYSANTHEMUM, Annual Varieties

Growing $1\frac{1}{2}$ to 3 feet high. Seeds should be planted early and the plants set out in April.

Coronarium Double. Mixed. Pkt. 10c.

Coronarium White. Beautiful for cut flowers. Pkt. 10c.

Coronarium Yellow. Flowers early and very freely. Pkt. 10c.



Candytuft Empress White.

COLEUS, Black

A tender perennial, growing about 10 to 18 inches high, and grown for its beautiful, bright-colored, velvety leaves. Valuable for window garden or pots, and can also be grown out of doors, if taken up in winter.

Extra Large Leaved Mixed. Pkt. 15c; 2 pkts. 25c.

CONVOLVULUS or MORNING GLORY. Major.

These beautiful annual climbers are of easy culture and produce freely all summer long large funnel-formed flowers of lovely colors and combinations of coloring. Seed may be sown in the open ground. Height, 15 to 20 feet.

Mixed Colors. Pkt. 10c; oz. 25c.

COREOPSIS.

No flower is longer in bloom during the whole season than Coreopsis. It is a most excellent cut flower, lasting well; color, bright yellow; flowers large and showy. Hardy perennial. 2 feet.

Lanceolata Grandiflora. Pkt. 10c; 3 pkts. 25c.

COSMOS. The Glory of the Autumn Garden

Favorite autumn-flowering annual; the flowers are often four inches across. The petals are broad and overlapping and of splendid substance. For cutting this is one of the finest flowers grown. The long stems and feathery foliage make a wonderful bouquet. (See engraving.)

Klondyke. Large, orange-colored flowers. Pkt. 10c.

Giant-Flowering. Mixed colors. Pkt. 10c.

Lady Lenox Pink. Extra large bright pink; plant not so tall. Pkt. 10c; ¼ oz. 50c.

Lady Lenox White. Pkt. 10c; ¼ oz. 50c.

Large Early-Flowering:

Rose. Pkt. 10c; ¼ oz. 75c.

Crimson. Pkt. 10c; ¼ oz. 75c.

White. Pkt. 10c; ¼ oz. 75c.

Mixed. Pkt. 10c; ¼ oz. 75c.

NEW CRESTED COSMOS. Crested or Anemone-Flowered Cosmos are very beautiful varieties of recent introduction. The flowers are double-crested, having double centers, with a row of guard petals around the base, which make them very effective. The colors are pink, crimson and white, offered in mixture. Pkt. 25c; 2 pkts. 40c.

CYCLAMEN.

Most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental.

Butterfly Cyclamen. Very large flowers with fringed and fluted petals, the edges being distinguished by colorings which differ from that of the body of the flower, as white with red or purple edge, rose with scarlet edge, crimson with garnet or violet edge, etc. Pkt. 50c.

Persicum Giganteum. Mixed. Very large flowers and very free bloom. Pkt. 25c.

CYPRESS VINE. Quamoclit Hybrida (The Cardinal Climber).

The best annual climber introduced in many years; beautiful fern-like foliage and brilliant cardinal flowers. Pkt. 15c; 2 pkts. 25c.

Mixed. White and scarlet. Pkt. 10c; ¼ oz. 35c.



Cosmos Early-Flowering Mixed.

DAHLIA.

A favorite for autumn flowering, blooming the first season from seed if started early. The flowers are so symmetrical and perfect and the range of colors so wide and varied that they will always be popular where display is wanted.

Finest Double Mixed. Seeds saved from choicest double flowers, including shades of red, pink, dark maroon, yellow, white, etc. Pkt. 15c; 2 pkts. 25c.

Finest Single Mixed. Will produce brilliant flowers running through a wide range of striking colors. Pkt. 10c; 3 pkts. 25c.

Cactus. Mixed. Double. Pkt. 15c.

DELPHINIUM Hardy Perennial Larkspurs.

These are taller than the annual sorts and their brilliant flower spikes arrest your attention even at a distance. The foliage is attractive and the plants strong and neat in habit. We advise sowing in a box in prepared soil and under a glass. (See engraving)

BELLADONNA. New. Beautiful turquoise blue and continuous bloomer; spikes of good size. Pkt. 25c; 5 pkts. \$1.00.

Formosum. Bright blue flowers with white center. Pkt. 10c; ¼ oz. 50c.

GOLD MEDAL HYBRIDS. This is one of our most important specialties, and is unquestionably the finest strain of mixed hybrids ever offered. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. Pkt. 25c; 5 pkts. \$1.00.



Dianthus, or Pinks Double Mixed.

DIANTHUS OR PINKS.

Hardy annuals, about one foot high, and bearing beautifully colored single and double blossoms in profusion all summer. Sow seed early in boxes and transplant, or sow in rows where the plants are to remain and thin. (See engraving.)

Chinesis (China or India Pink). Double Mixed. Pkt. 10c; ¼ oz. 25c.

Hedewigii (Japanese Pink). Finest single, mixed. Pkt. 10c; ¼ oz. 75c.

Finest double, mixed. Pkt. 10c; ¼ oz. 75c.

Plumarius (Grass Pink, Pheasant Eye or Scotch Pink). A single hardy perennial pink with light colored flowers, with a darker center; various colored. Pkt. 10c; 3 pkts. 25c.

DIGITALIS (Foxglove).

Stately, old-fashioned border plants, affording dense spikes of large brilliantly colored flowers, which are terminal and half as long as the height of the plant. The flowers are very distinct and showy, being thimble like or long bell-shaped, and the colors include white, lavender and rose, many being spotted or blotched.

Fine Mixed. Many shades and markings. Pkt. 10c; ¼ oz. 50c.

Mammoth Foxglove (Digitalis Monstrosa). Remarkably odd; each flower spike surmounted with a very large bell-shaped flower. Mixed colors. Pkt. 15c; ½ oz. 50c.

DIMORPHOTHECA AURANTIACA (African Golden Daisy).

See page 36.

DOLICHOS, or HYACINTH BEAN.

Tender, climbing annual vines and very rapid growers. Sow seed in open ground late in April. Pkt. 10c; oz. 50c.

EUPHORBIA. Variegata (Snow on the Mountain).

Attractive foliage; veined and margined with white; 2 feet. Pkt. 10c.

ESCHSCHOLTZIA (California Poppies).

Fully as valuable as the common Poppy for garden ornamentation since the flowers are in bloom through a much longer season. The foliage is finely cut and has a bluish tinge or bloom, delicate and very attractive.

California Yellow. Pkt. 10c.

Mixed. An excellent mixture producing deep yellow, creamy white, scarlet and orange flowers. Pkt. 10c; ½ oz. 50c.

GERANIUM, Zonale, Mixed.

A superb strain of the largest and finest varieties. Very interesting to grow from seed, which should be started indoors and transplanted to the open in May or June. Pkt. 25c.



Delphinium, or Hardy Larkspur.

GAILLARDIA.

A very showy garden plant, with brilliant flowers, in scarlet and yellow, blended and shaded. Blooms freely from early summer till autumn. Grows one and one-half to two feet high, and the blossoms are borne on long, slender stems. Both single and double varieties are hardy. (See engraving.)

Fine Single Mixed Annual. Pkt. 10c.; $\frac{1}{4}$ oz. 30c.

Double Mixed, Annual (*Picta Lorenziana*). Pkt. 10c.; $\frac{1}{4}$ oz. 50c.

GERBERA (Transvaal Daisy).

A beautiful race of flowering plants brought into prominence recently with the introduction of an improved large-flowering scarlet type and the new various-colored hybrids.

New Hybrids. The colors include a galaxy of delicacy and richness, pure white, yellow, orange, salmon, rose, cerise, ruby-red and violet. Pkt. 35c.

GLOXINIA.

Charming pot plants for conservatory, greenhouse or window garden. They flower in great profusion, having gorgeous colors, many of which are magnificently spotted and mottled; 1 ft.

Large Flowering, Mixed. Pkt. 35c.

GODETIA.

A hardy annual, growing from six inches to ten inches high. Of compact growth, with a profusion of satiny cup-shaped flowers, in deep red, pink and white, shaded and blended.

Dwarf Mixed. Pkt. 10c.; $\frac{1}{4}$ oz. 50c.

Tall Mixed. Pkt. 10c.; $\frac{1}{4}$ oz. 50c.

GOMPHRENA, or GLOBE AMARANTH.

(h. a.) Everlasting with round heads about 1 inch in diameter; rose, yellow or white; 8 inches tall.

Mixed. Pkt. 10c.

GOURDS.

Some varieties, besides being odd, are very ornamental.

Mixed Ornamental Varieties. Small sorts. Pkt. 10c.

Calabash, or Pipe Gourd. Pkt. 10c.

Dipper, or Syphon. Can be readily made into a dipper. Pkt. 10c.

Hercules Club. 4 feet long, club-shaped. Pkt. 10c.

GYPSOPHILA (Baby's Breath).

Florists all use this to make up their bouquets. The plant is feathery and has small white flowers. Most easy to grow: h. a. or p.; 2-3 feet.

Paniculata. Fine for bouquets; white flowers; h. p. This is especially feathery and delicate. Pkt. 10c.; $\frac{1}{4}$ oz. 35c.

Elegans Grandiflora White. This is an improved *Elegans* with larger flowers and pure white. Pkt. 10c.; $\frac{1}{4}$ oz. 25c.

HELICHRYSUM (Everlasting Flower).

Is the best and most satisfactory of the everlasting flowers and makes a very handsome dried bouquet; 3-4 feet; h. a. (See engraving.)

Golden Ball. Rich yellow. Pkt. 10c.

Salmon Queen. Salmon-pink. Pkt. 10c.

Monstrosium Mixed. Pkt. 10c.; 3 pkts. 25c.

HELIOTROPE.

Beautiful porch climber 4-8 feet tall. Flowers are delightfully fragrant, are small and come in clusters. Blooms the first season from seed if sown early. Forms a large plant and requires a roomy situation. Can also be grown as a pot plant; h. h. p. Finest Mixed. Pkt. 10c.; $\frac{1}{4}$ oz. 75c.



Hollyhocks Double Mixed.



Japanese Hop Vine.



Helichrysum Everlasting Flowers

HIBISCUS (Mallow Marvels).

New large-flowering hybrids. Although they are perennials they flower the first year from seed. The blooms are wonderfully large, 6 to 7 inches across, and the whole plant is extremely showy. Pkt. 15c; $\frac{1}{4}$ oz. 50c.

HOLLYHOCK.

Some grow to the top of the second-story window and in some gardens they only grow 8-10 feet tall. The double ones are usually about 6 feet tall. Nothing makes a better boundary. (See engraving.)

Double Varieties, Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 75c.

Blood Red. Pkt. 10c.

Canary Yellow. Pkt. 10c.

Rose Pink. Pkt. 10c.

White. Pkt. 10c.

HOLLYHOCKS (Annual Everblooming). A new strain which flowers the first year from seed. In every way the same as the hardy varieties with the additional advantage of a longer blooming period. Pkt. 20c.

HONESTY (Satin Flower ; Money Plant).

The flat silvery seed pods are used for winter decoration in the house; pretty and different from anything else; 2 feet; h. p. Pkt. 10c.

HUMULUS, or JAPANESE HOP.

A rapid-growing tender climbing annual with dense leaves. Will grow 20 to 30 feet.

Japonicus Variegatus. The leaves are variegated or splashed white and green. Pkt. 10c; 3 pkts. 25c.

IMPATIENS (East African Balsam). HOLSTII HYBRIDS

Colors varying from lilac to ruby and from pink to vermillion-scarlet. Pkt. 25c.

KENILWORTH IVY.

A hardy perennial trailing plant, especially adapted for hanging baskets, window boxes or for trailing over walls. Pkt. 25c; 2 pkts. 40c.

KOCHIA TRICHOPHYLLA (Summer Cypress).

Annual plant, forming dense oval bushes, 2 to 2½ feet high, of small, feathery, light-green foliage. As summer advances this changes to a carmine hue and finally to a fiery red. Also called "Burning Bush." Pkt. 10c; $\frac{1}{4}$ oz. 75c.

KUDZU VINE (Pueraria Thunbergiana).

Called also Jack-and-the-Beanstalk; h. p. The first year it will do 10 feet and the next up to 50. Fine for a permanent vine. Pkt. 10c.

LANTANA.

A tender perennial, often becoming shrub-like, 2 to 3 feet high, bearing verbena-like clusters of flowers, in orange, rose and other colors. Blooms constantly all summer. Fine Mixed. Pkt. 10c.; 3 pkts. 25c.

TALL BRANCHING LARKSPUR.

This splendid class grows 2 to 3 feet high and bears flowers on long stems, rendering them of exceptional value for cutting purposes. They are of long-continued bloom, keeping up a bright display until cut down by frost.

Carmine. Pkt. 10c.

Dark Blue. Pkt. 10c.

Rose. Pkt. 10c.

White. Pkt. 10c.

Tall Branching, Mixed Colors. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Dwarf Rocket, Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

LINUM. Grandiflorum Rubrum. (Scarlet Flax).

An attractive free-flowering bedding plant with slender foliage and bearing on delicate stems clusters of glossy bright red single flowers, saucer-shaped, with black center. Hardy annual; about one and one-half feet high. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

LATHYRUS LATIFOLIUS (Perennial, or Everlasting Pea).

A hardy perennial climber, thriving in any good soil. Mixed, pkt. 10c; 3 pkts. 25c.

LAVATERA (Tree Mallow).

A showy hedge plant, growing about 6 feet high and covered with shrimp-like cup-shaped flowers. Much used for windbreaks about San Francisco. Sow in May in the open ground and thin young plants to 12 inches apart.

Rose Splendens. A bright pink h. h. annual, with large single flowers. A great favorite in England. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

LAVENDER.

Delightfully fragrant flowers; p. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

LOBELIA Crystal Palace (Speciosa).

An exceptionally graceful sort and one of the best in color, having bright deep blue flowers; very dark green foliage. Pkt. 10c; 3 pkts. 25c; $\frac{1}{4}$ oz. \$1.00.

Cardinalis, or Cardinal Flower. Brilliant scarlet flower spike. Worthy of a more extensive cultivation. This plant loves a wet, soggy place, so water extra. Pkt. 25c; 2 pkts. 40c.

Mixed Compact Varieties. Pkt. 10c; 3 pkts. 25c.

LUPINS

Are among the most useful of our garden flowers. Easily and quickly grown; sow the seed where you want them to grow.

Finest Mixed. Pkt. 10c; oz. 35c.

PERENNIAL HYBRIDS, MIXED. Flowers ranging from pure white to golden yellow, and from palest mauve to richest purple, and in all shades of rose and pink. Pkt. 10c; 3 pkts. 25c.

LYCHNIS.

Hardy perennial, growing about 3 feet high.

Chalcedonica. Scarlet flowers. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

MATRICARIA (Double White Feverfew).

White double button-like flowers; useful for cutting; p. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

MATTHIOLA Bicornis.

Evening-Scented Stock. Purple flowers, not the handsome Ten Weeks' Stock, which see Hardy Annual. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

MAURANDIA (Giant-Flowering).

Beautiful climber for either garden or greenhouse decoration and for hanging baskets; gemmed with Gloxinia-shaped flowers of rich purple, white and rose; t. p. Mixed colors. Pkt. 10c.

MARIGOLDS African.

These grand African Marigolds produce densely double flowers, 8 to 10 inches in circumference, and of the regularity and perfection of a Dahlia.

Orange. Enormous flowers of perfect shape, deep golden orange. $2\frac{1}{2}$ feet. Pkt. 15c; $\frac{1}{4}$ oz. 35c.

Lemon. A charming color. $2\frac{1}{2}$ feet. Pkt. 15c; $\frac{1}{4}$ oz. 35c.

Mixed. $2\frac{1}{2}$ feet. Pkt. 10c; $\frac{1}{4}$ oz. 30c.



Migonette Machet.



Marvel of Peru.

FRENCH MARIGOLDS Double Finest Mixed.

Finest assortment saved from prize flowers. 1 foot. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Legion of Honor. A single Marigold of great beauty; flowers bright yellow blotted with brown. Admirably adapted for beds and edging. 9 inches. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

MARVEL OF PERU, or Four O'Clocks.

A well-known handsome, free-flowering garden favorite; does well everywhere; give each plant 12 to 18 inches of room. Fine mixed colors, 2 feet. Pkt. 10c; oz. 25c.

MIMULUS.

A half-hardy perennial, growing from six inches to one foot high. Blooms freely and exists in a large variety of colors. Useful for window gardens and pot work, or for gardens in a moist, shady situation.

Moschatus, or Musk Plant. Fragrant plant, with small, yellow blooms, spotted lightly with brown. Pkt. 10c.

Tigrinus, or Monkey Flower. Large flowers of several colors and spotted. Pkt. 10c.

MIGNONETTE.

A well-known hardy annual producing dense cone-shaped flower-spikes, made up of thickly set flowers of modest colors, and pleasing fragrance.

Machet. Of dwarf and vigorous growth, with numerous stout flower stalks, terminated by large spikes of red flowers. This is one of the very best for pot culture. (See engraving.) Pkt. 10c; $\frac{1}{4}$ oz. 35c.

MOMORDICA. Balsamina (Balsam Apple).

Reseda Odorata Grandiflora (Sweet). Large flowered, very sweet; light yellowish white. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

MORNING GLORY, Imperial Japanese.

Annual climber; 15 feet; bearing ornamental orange-colored fruits with red interiors. Pkt. 10c; 3 pkts. 25c.

These are much the handsomest flowers in Morning Glories, of gigantic size and in colors ranging from snow white to carmine, through every shade of blue and purple. (See engraving.) Pkt. 10c; oz. 35c.

Grandiflora Mexicana Alba (Moonflower). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. (See engraving.) Pkt. 10c; $\frac{1}{2}$ oz. 50c.

Heavenly Blue. Surpassingly lovely; a gem. Pkt. 10c.

Setosa (Brazilian Morning-Glory). Flowers of pleasing rose-color, borne very freely, in large clusters, from August to frost. Pkt. 10c; $\frac{1}{2}$ oz. 50c.

MYOSOTIS (Forget-Me-Not).

H. H. P. Small, star-like flowers, borne on terminal racemes. Excellent for borders and flowering extremely early. Seed should be sown in August and young plants wintered in cold-frames.

Finest Mixed. 8 inches. Pkt. 10c; $\frac{1}{8}$ oz. 30c.

Ruth Fischer. The largest and finest Forget-Me-Not; flowers measure from $\frac{3}{8}$ to $\frac{1}{2}$ inch across and are of a lovely sky-blue; of great value for forcing, pot culture or spring bedding. Pkt. 25c.

ALPESTRIS. Plants of compact, bushy habit with finely cut foliage, growing six to eight inches high. Flowers blue with a very small yellowish eye. Pkt. 10c; 3 pkts. 25c.

Our "BEAUTIFUL BOOK OF BULBS" for fall planting will be ready in August. This book will contain a complete list of Tulips, Hyacinths, Narcissus, etc. Order your free copy now.



Japanese Morning Glory.

NASTURTIUMS

Beautify the Garden

These Grand Bedding Nasturtiums have flowers often measuring three inches across, in a great variety of new and charming combinations of colors, while the brilliancy and velvety richness of the self-covered sorts have been greatly enhanced. For summer flower-beds nothing can surpass them; the plants form perfect mounds about one foot high by one foot across. Seed sown in the open ground in the spring will produce plants that commence blooming during early summer and continue until frost. (See engraving).

Tom Thumb, Dwarf Varieties

Golden Gate. Immense flowers of rich golden-orange. Pkt., 10c; oz., 25c.

King of Tom Thumb. Dark scarlet; dark foliage. Pkt. 10c; oz. 20c.

Vesuvius. Salmony rose, dark foliage. Pkt., 10c; oz., 20c.

Williams' Special Mammoth Flowering Dwarf Nasturtiums, Mixed. These wonderful new Nasturtiums produce flowers twice the size of the old-time dwarf mixed. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.



Williams'
Mammoth
Flowering
Nasturtiums.

Tall, or Climbing Varieties

Chameleon. Different richly colored flowers on the same plant.

Jupiter. Brilliant golden-yellow. Pkt., 10c; oz., 20c.

King Theodore. Deep crimson-maroon, dark foliage. Pkt., 10c; oz., 20c.

Twilight. Chamois-yellow, shaded salmon-rose and splashed scarlet. Pkt., 10c; oz., 20c.

Vesuvius. Salmony rose; an exquisite shade. Pkt., 10c; oz., 20c.

Williams' Special Mammoth Flowering Climbing Nasturtiums, Mixed. The largest flowering climbing Nasturtium yet on the market. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

Nasturtium, Trailing "Tom Pouce"

The vines grow only 2 feet long. Flowers small, but borne in profusion; colors, yellow, scarlet, orange and blotched. Peculiarly adapted as trailers for vases, window boxes, hanging baskets, rockwork, etc. Pkt., 10c; oz., 25c.

WILLIAMS' BUTTERFLY PANSIES

Bloom All the Year Round in the South

Pansies thrive best in a moist, shady location and in rich, loamy soil. **Seed should be sown in the autumn** for early spring blossoms, or can be sown in the year for good flowers late in the spring.

Williams' Butterfly Pansies. The result of years of scientific culture in raising Pansies have gradually evolved a superior race of luxuriant robust growth and deep-rooting, drought-withstanding qualities; the flowers have also correspondingly improved in size, substance, form and colors. (See engraving). Pkt., 25c; 1-8 oz., \$1.50.

Trimardeau Giant Mixed. Trimardeau Pansies are distinguished by their magnificent varied colors and strong markings. The flowers are of mammoth size and of great substance. Pkt., 15c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.00.

English Mixed. Pkt., 10c; $\frac{1}{4}$ oz., \$1.00.

Rainbow Mixed. All colors. Pkt., 10c; $\frac{1}{4}$ oz., 75c; 1 oz., \$2.50.

Giant Early-Flowering PANSIES. World Record. This remarkable new race of Pansies, flowers fully six weeks earlier than the other varieties. We recommend them highly for winter blooming and earlyspring bedding. The flowers are of immense size, on long stems. **Splendid Mixed.** Pkt., 25c.

VIOLAS, or TUFTED PANSIES. These have smaller flowers than the regular pansies, but bear them so profusely that they are preferred for bedding effects where color only is wanted; h.h.p. **Mixed, all varieties.** Pkt., 25c; 2 pkts., 40c.



Williams' Butterfly Pansies.

Beautiful Wild Flower Garden, for 15c.

We can recommend this charming mixture of wild flower seeds. They can be sown in any soil and will grow wonderfully. Sow in any out-of-the-way place—meadow, brookside, hedge-row, fence-corner or back lot. Scatter the seed broadcast and rake in at the rate of 1 oz. to every 100 square feet. Price, 1 oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50; postpaid.

THOUSANDS OF TESTIMONIALS

Every year we receive thousands of letters from satisfied customers but regret that space in this book does not permit our publishing all of them. These letters come from every state and tell of the wonderful results obtained with WILLIAMS' SEEDS. We are always glad to receive letters or photos of gardens showing how successfully our seeds grow.

NEMOPHILA, or LOVE GRASS.

A hardy annual California wild flower, growing about six inches high. Has small cup-shaped blossoms about one inch in diameter, in white and shades of blue. Mixed. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

NICOTIANA, or FLOWERING TOBACCO.

A half-hardy annual, growing 3 feet high, with slender tubular flower. Belongs to the tobacco family. Requires plenty of room in the garden. Affinis. White and very fragrant. Flowers open in evening, and cloudy days. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Affinis Hybrids. Splendid new hybrids of the popular N. Affinis; they possess the delicate fragrance of the parent; colors, blue, red, rose, white, etc. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

Tall Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

NIGELLA, or LOVE-IN-A-MIST.

A hardy annual, one foot high, with finely cut foliage. Oddly shaped blossoms in blue and white, and curious seed pods. Of easy culture.

Damascena. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

OENOTHERA, or EVENING PRIMROSE. Good flowering shade plants are rare, especially for ones in bright colors. Evening Primrose like the half shade best. Pkt. 10c; 3 pkts. 25c.

PETUNIAS. Single Fringed Mixed.

A mixture of best fringed varieties including with the above many new colors and shades. Should be grown by everyone desiring the best. (See engraving.) Pkt. 25c; 2 pkts. 40c.

Double Fringed Mixed. A superb mixture of the finest double-fringed varieties, every shade and color represented. Splendid for borders or beds, keeping up a succession of bloom throughout the summer. Pkt. 40c.

Special Bedding. Mixed. Select, bright colors. Pkt. 10c; 3 pkts. 25c.

Finest Striped and Blotched. Includes striped or blotched flowers in a wide range of brilliant colors. A fine bedder. Pkt. 10c; $\frac{1}{8}$ oz. 75c.

NEMESIA.

Nemesias come 1 foot high and are a mass of flowers, bedding annual.

Triumph. Mixed. This has flowers in light-blue, red, yellow and terra-cotta. Compact form. Pkt. 25c; 2 pkts. 40c.

PENTSTEMON.

Pentstemon sends up spikes of bright colored and spotted flowers somewhat like the Foxglove, but in a great variety of carmine shades and colors; decidedly beautiful; h. p. Mixed. Pkt. 10c; 3 pkts. 25c.

PHLOX DRUMMONDII. Grandiflora.

One of the most satisfactory bedding plants, because it blossoms over so long a time. A hardy annual, growing from six inches to one foot high, and bearing beautiful and brilliantly colored flowers. (See engraving.)

Pure White. Pkt. 10c.

Daybreak Pink. Pkt. 10c.

Brilliant Red. Pkt. 10c.

Purple. Pkt. 10c.

Finest Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 35c.

PLATYCODON GRANDIFLORA, or JAPANESE BELL.

A giant bell flower, growing 2 feet tall and covered all summer with large steel-blue flowers. One of the very best perennials. Pkt. 10c; 3 pkts. 25c.

POLYANTHUS (Primula Elatior).

An early-blooming Primrose for spring flower beds or pot culture; the large umbels of flowers of various colors, edged and laced, are borne on stalks 8 inches tall.

Mixed Colors. Pkt. 20c; 2 pkts. 35c.



Phlox Drummondii Mixed.

Oriental (the Large Oriental Poppy). A hardy plant, bearing large brilliant crimson flowers, with a black blotch on each petal. Very showy and attractive; two and one-half feet tall. Pkt. 15c; 2 pkts. 25c.

PORTULACA.

Creeping tender annual, six to eight inches high, and bearing glossy, cup-shaped blossoms in very brilliant colors. The foliage and stems are thick. (See engraving.)

Single Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Double Mixed. Large flowering. Pkt. 10c; 3 pkts. 25c; $\frac{1}{8}$ oz. 75c.

PRIMROSE (Giant Fringed Chinese).

Chinese Primroses are among our finest winter and spring blooming pot plants; of healthy, sturdy growth, 8 to 12 inches high, and free from insects; while they produce for weeks large trusses of flowers, which, in our new Giant varieties, average 4 $\frac{1}{2}$ to 6 inches in circumference.

Giant, Double, Mixed Colors. Pkt. 50c.

Giant, Single, Mixed Colors. Pkt. 25c.

OBCONICA GIGANTEA. These "Ever-Flowering Primroses" are favorite pot plants for house and conservatory. Pkt. 25c.

PRIMULA ACAULIS—Hardy Blue Primrose. A beautiful, blue-flowered type, hardy, and splendid for naturalizing among shrubs, in turf or the herbaceous border. Pkt. 25c.

PYRETHRUM. Aureum, or Golden Feather.

Small-cut leaves of bright golden-yellow. A hardy perennial, with bright foliage much used for edging and borders. Pkt. 15c; 2 pkts. 25c.

RHODANTHE (Everlasting Flower).

For winter bouquets the blossoms should be gathered before fully expanded, and if dried in the shade will retain their brilliancy for years. Everlasting rose and white mixed. Pkt. 10c; 3 pkts. 25c.

WILD FLOWER SEEDS MIXED. Try a package of our charming wild flower garden seeds mixed. The result obtained is simply wonderful, price 15c per ounce; 50c, $\frac{1}{4}$ lb.; \$1.50, 1 lb.; postpaid.



Single-Fringed Petunias.

POPPIES. Double "Featherball."

These double-fringed annual Poppies are very beautiful; they belong to the Carnation flowered type, the large flowers having the same globe-shaped formation, with gracefully fringed-edged petals like big balls of slashed tissue paper or feathers. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Double Peony-Flowered. Very showy, double, broad-petaled flowers in many colors. 3 feet. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Double Carnation-Flowered Mixed. A fine strain of double, fringed Poppies with flowers about the size of a large carnation. Very showy. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Shirley, Finest Single Mixed. Dainty flowers on slender stems, in the most delicate shades, varying in color from pure white and delicate pink to rosy carmine and deep crimson, many of them beautifully striped and edged with white. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

WILD FRENCH POPPY (The Poppy of Flanders). The famous field Poppy our soldiers tell about, as they saw it in a riot of color among the rye and through the grain fields of France. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

PERENNIAL POPPIES, Iceland, Mixed. A graceful, delicate variety, 12 inches tall, with white, orange and yellow single blossoms the petals resembling crumpled tissue paper. Pkt. 10c; $\frac{1}{8}$ oz. \$1.00.



Double Portulaca.

RICINUS. Castor Oil Bean.

This has large leaves and a tropical appearance. All it requires to flourish is heat. It is a quick growing annual 6 to 15 feet tall. Leaves are green or reddish. Commercial castor beans are of different variety.
Zanzibarensis. Mixed. A very large-leaved variety, deep green and bronze growing 10 to 15 feet high. Pkt. 10c; oz. 25c.

SALPIGLOSSIS

A most magnificent summer and autumn-flowering bedding plant. Full-grown plants in bloom of richest shades and colors. (See engraving.) Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 40c.

SALVIA. Scarlet Dragoon.

A most magnificent summer and autumn-flowering bedding plant. Full-grown plants in bloom form compact bushes 3 feet through by 3 feet high, and bloom from ground to summit. The waving masses of glistening scarlet against green surroundings of lawn or foliage is matchless. Pkt. 15c; 2 pkts. 25c.

SPLENDENS. Bright scarlet flowers. Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{2}$ oz. \$1.50.

BONFIRE. A new dwarf Scarlet Sage, of dense compact growth, from 20 to 24 inches high; useful for bedding or borders. Flowers dark scarlet, on spikes which stand clear of the foliage and attract attention at once. Pkt. 15c; $\frac{1}{8}$ oz. \$1.00.

SCABIOSA, or MOURNING BRIDE.

Also called Sweet Scabious, Old Maid's Pincushion, etc. The tall flowers are especially adapted for cutting and massing in the garden. Annual (self-sown in California), 2 $\frac{1}{2}$ to 4 feet high. These now flowers are double clear to the center, covering the thimble-shaped cone. Mammoth Flowered, Double or Maxima. Mixed. An improved strain with large petals and beautiful colors. Pkt. 10c.

SCABIOSA Caucasicus. A hardy perennial variety, with pale blue flowers, four to five inches across, and long stems. One of the handsomest perennial flowers; valuable for cutting. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

SCHIZANTHUS.

Hardy annuals, growing 1 $\frac{1}{2}$ to 2 feet high, and covered with bright, showy butterfly-like blossoms.

Wisetonensis. Remarkably free-flowering and presents a beautiful appearance with its myriads of blooms, the ground color of which is white, dotted with delicate rose. Pkt. 15c; 2 pkts. 25c.

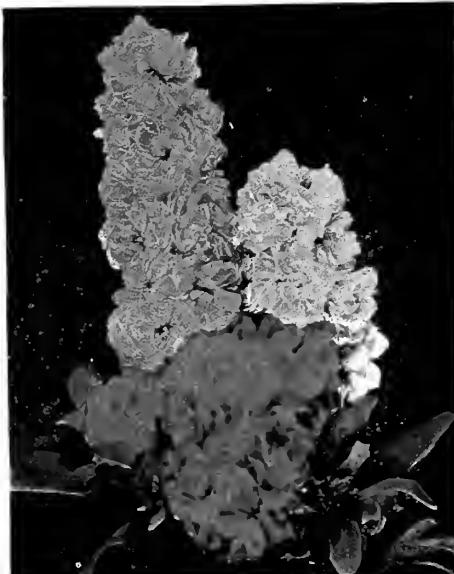
Giant-Flowering Hybrids. A superb new strain growing robust and bushy, 1 $\frac{1}{2}$ to 2 feet in height, with handsome bright-green fern-like foliage. The flowers, borne in prodigal profusion, are unusually large, measuring from 1 to 1 $\frac{1}{4}$ inches across. Pkt. 35c; 2 pkts. 60c.

SHASTA DAISY.

Produces, when well grown, magnificent pure white flowers 4 inches or more across, on stems 1 $\frac{1}{2}$ to 2 feet in length. The plants, 2 to 2 $\frac{1}{2}$ feet in height, are hardy, and flower in profusion. Pkt. 10c.

STOCKS. Ten Weeks Stocks, or Gilliflower.

No matter if situation is cold and windy. Stocks will bloom there, and give the garden color when otherwise it might be bare. They come in all shades—delicate pink, white, red, cream and purple. Stocks are annual and hardy; they may be sown out of doors in spring, or in boxes in winter and transplanted. Sow early one-eighth inch deep. (See engraving.)



Large-Flowering 10-Week Stocks.



Salpiglossis Mixed.

DWARF LARGE-FLOWERING TEN WEEKS.

Our strain of these has great rosettes set closely together so that the entire plant is hidden in the mass of bloom. Plants 12 to 15 inches tall and early; the best for bedding effects or edges. Ours is a selected strain. Pkt. 15c; 2 pkts. 25c; $\frac{1}{8}$ oz. 75c.

NICE STOCKS FOR SUMMER AND WINTER. Tall stocks nicely branching, having large double flowers, not tightly clustered but borne along the entire stem. Sow in July and August and they will flower all winter. May be treated as summer stocks, for they bloom quite early from seed; two feet; h. b.

Nice Stocks Mixed. Pkt. 25c; 2 pkts. 40c.

PERPETUAL STOCKS, or Cut and Come Again. Early, large-flowering type. Mixed. All colors. Pkt. 15c; $\frac{1}{8}$ oz. \$1.00.

VIRGINIA STOCKS. An early-flowering annual largely grown for edging effects to borders. The plants are six inches in height and bloom continuously during cool weather. Finest Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

MATHIOLA (Night-Scented Stock). (See page 41).

STOKESIA, or CORNFLOWER ASTER.

A hardy perennial, two feet high, and bearing large blue flowers on long stems. Blooms freely all summer and fall, and is of easy culture, but is hard to start from seed. (See engraving.) Cyanea, Pkt. 15c; $\frac{1}{8}$ oz. 75c.

SUNFLOWER (Helianthus).

Hardy annuals, growing from three to six feet high. Plant when the ground is well warmed in light or sandy soil.

Chrysanthemum Flowered. Large, densely double, bright golden flowers. The plant branches and affords fine, long stout stems for cutting. Six to eight feet. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Red Sunflower. Some are solid red, of a deep maroon shade; others are red with petals gold tipped, and a variety of other pleasing combinations of red and gold. Pkt. 10c; $\frac{1}{2}$ oz. 50c.

Miniature Sunflower. The Cucumerifolius sunflowers are small both in flower and plant. Perkeo is only two feet tall, but is covered with small (three-inch) golden yellow flowers with a dark eye. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Mammoth Russian. Single, immense flowers; very showy; eight feet. Pkt. 5c; oz. 15c.

WILD FLOWER GARDEN

May be had in any out-of-the-way place or back lot by sowing Williams' special mixture of Wild Flower Seeds. Sow at rate of 1 ounce to every 100 square feet. Oz. 15c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50, postpaid.

Our "BEAUTIFUL BOOK OF BULBS" for fall planting will be ready in August. This book will contain a complete list of Tulips, Hyacinths, Narcissus, Crocus, etc., besides valuable hints on culture. Send us a card now ordering your free copy.

IF YOU WANT A FINE, DEEP GREEN, VELVET LAWN, SOW WILLIAMS' EMERALD LAWN GRASS SEED THIS SPRING. 1 Lb., 45c; 2 lbs., 80c; 5 lbs., \$2.00; 20 lbs., \$7.25; postage prepaid.



Sunflower (Helianthus).



Mammoth Verbenas.

Mammoth Verbenas

We have been carefully selecting and improving this fine strain of Verbenas for years, and can recommend it as the very best procurable. The trusses and individual flowers are of the largest size, of brilliant colors, free-blooming and of vigorous habit. For best and quickest results seed should be sown early in the house or hotbed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. Verbenas are better grown from seed than from cuttings, being more vigorous and not liable to disease. (See engraving).

	Pkt.
Mammoth Defiance. Scarlet.....	\$0.10
Mammoth Blue. Deep blue.....	10
Mammoth Pink. Deep pink.....	10
Mammoth White. Pure white.....	10
Mammoth Mixed. Finest colors.....	10

COLLECTION. One pkt. each of 4 Mammoth Verbenas. \$0.30

Mixed. This mixture does not have flowers quite so large as our Mammoth strain, but all colors are well represented. Pkt., 10e.

Sweet William



Beautiful profusely flowering plant. Although this is a hardy perennial plant it is better to sow seed each spring than to divide the old plants. A well-known, attractive, free-flowering, hardy flower, producing a splendid effect in borders and beds with its rich and varied flowers. The flowers are handsomely colored and marked, are borne on stiff stems in profusion and form round heads or clusters 3 to 4 inches across. Colors range from white through rose, lilac, red, carmine, crimson, maroon to nearly black, usually 2 shades to each plant. Grows 1 1/2 feet high. Sow seed very early and transplant or thin to 6 inches apart in rich, mellow soil. (See engraving).

Single Mixed. All colors. Pkt., 10e; 1-8 oz., 30c.

Double Mixed. All colors. Pkt., 10e; 1-8 oz., 40c.

Annual Mixed. In appearance and habit the same as the perennial varieties. They bloom profusely from July until frost, from seed sown in early spring. Pkt., 15e; 2 pkts., 25c.

SWEET ROCKET (Hesperis)

A hardy perennial, growing 2 to 3 feet high. An old-fashioned, fragrant flower of the easiest culture, and bearing clusters of white and purple blossoms. Mixed. Pkt., 10e; 3 pkts., 25c.

THUNBERGIA or BLACK-EYED SUSAN

A hardy annual climber, growing about 4 feet long. Blossoms are buff orange or white, with dark centers. Mixed. Pkt., 10e; 1-8 oz., 30c

TRITOMA (Red-Hot-Poker Plant) Early-Flowering Hybrids.

Scarlet and yellow. 2 feet. July, August. Attractive flower-spikes will be produced the first year if seed is sown early. Pkt., 25c.

Uvaria Grandiflora (Red-Hot-Poker Plant). Hardy perennial with orange-red flowers on spikes 4 to 5 feet high. Pkt., 10e; 3 pkts., 25c.

VINCA or MADAGASCAR PERIWINKLE

Useful for bedding in summer and for greenhouse in winter. Blooms freely the first year from seed; t.p.. Rose crimson, white. Mixed. Pkt., 10c; 1/4 oz., 30c.

WALL FLOWER

These perennials make nice bushy plants, 1 1/2 feet high, bearing in the spring long spikes of various colors, crimson, purple, yellow, apricot, mahogany, pink, etc.

Large Double Mixed Colors. Pkt., 15c; 2 pkts., 25c.

Large-Flowering Single, Mixed Colors. Pkt., 10e; 3 pkts., 25c.

WALL FLOWER, Extra Early Annual. These flowers the first season from seed, making compact branching plants, 8 to 10 inches in height, covered with delightfully fragrant single flowers. Pkt., 15c; 2 pkts., 25c.

WISTARIA, CHINESE

The well-known hardy perennial vine; of luxuriant and rapid growth, bearing during the spring immense panicles of fragrant blue flowers in great profusion; 75 feet. Pkt., 10e.



Pride of Norfolk Double Zinnias.

ZINNIAS

The well known bush-like plants of Zinnias produce a profusion of large double imbricated flowers, borne on stiff stems. They are much used for bedding and are suitable for borders and for cutting.

There is much satisfaction in a bed of Zinnias with their twisted and recurved petalled flowers in many bright colors, and when nearly every other flower has been killed by frost this plant is still in full bloom. Few flowers are more easily grown or bloom more abundantly throughout the season, and the wide range of color is not less remarkable than their unusual depth and richness.

Sow the seed early in spring, in open ground in good rich soil, preferably in rows one and one-half feet apart and covering about one-fourth inch deep. When the young plants are one to two inches high thin to six inches apart. Start under glass for earlier blooming. Half hardy annual; tall growing, usually about one and one-half to two feet high. Crimson, Pkt. 10c; Golden-Yellow, Pkt. 10c; Pink Shades, Pkt. 10c; Purple, Pkt. 10c; White, Pkt. 10c. One packet each of the above 5 colors for 40c.

DAHLIA-FLOWERED GIANT DOUBLE ZINNIA. The flowers have a very marked distinction from the ordinary giant-flowering class, being of a true Dahlia-flowering type, and when cut from the plant and placed by Dahlias it is difficult to distinguish one from the other. Of easy culture, very large flowers, free bloomers; should be a close rival to the Dahlia. Mixed Colors, Pkt. 25c.

WILLIAMS' PRIDE OF NORFOLK DOUBLE ZINNIAS.

These grand new Giant Zinnias are the latest introduction. The flowers are immense, over six inches across and densely double. Plants of strong growth, 3 feet high. (See engraving). Mixed colors, pkt., 15c; 2 pkts., 25c.

WILLIAMS' FAMOUS GIANT-WAVED SPENCER SWEET PEAS

Culture. Ordinary good garden soil is suitable for Sweet Peas. The ground should be well drained to avoid water lying too long and becoming sour. Soil prepared for vegetables produces fair results, but a little more care will repay the planter. Select for a location in your garden a place open and airy and which receives the sun all day. Seed should be sown in trenches about 4 inches deep and covered to a depth of 2 inches, still allowing the center of the trench to remain at least 2 inches below the level of the ground, that water may be retained. In case of dry weather, constant watering is necessary to keep the roots cool. When the vines are up about 6 inches high, staking with brush or trellis should be attended to at once. One ounce of seed is sufficient to plant 20 feet of drill.

Giant Spencer and Orchid-Flowering Mixture

In offering our Giant Spencer and Orchid-flowering Mixture of Sweet Peas, we are undoubtly giving the public the choicest assortment of varieties obtainable. The varieties included in this Mixture will produce from three to four flowers on a stem, the blooms being far superior to the original Grandiflora type previously used. Beautifully waved and fluted with long stems, varying from 8 to 17 inches in length. (See engraving). Pkt., 10c; oz., 25c; $\frac{1}{4}$ -lb., 80c; lb., \$3.00, postpaid.

Ask for a copy of our leaflet on "Sweet Pea Culture" to be included with your order.

Williams' Giant-Waved Spencer Sweet Peas

PRICE NAMED VARIETIES OF SWEET PEAS. Pkt., 10c; oz., 50c; $\frac{1}{4}$ -lb., \$1.75.

Apple Blossom Spencer. Banner bright rose color; wings creamy-blush; a very robust, profuse and large-flowering "Bicolor".

Blue Monarch. Dark blue.

Asta Ohn. Beautiful clear lavender, very large.

Blanche Ferry Spencer. Pink and white.

Countess Spencer. Re-selected, clear pink.

Dobbies Cream. The largest and best strain of "Primrose-Spencer." Flowers large, of splendid substance and well waved; color cream-yellow.

Etta Dyke. A superior strain of "White Spencer"; larger, whiter and better frilled.

Fiery Cross. A very striking bright shade of orange-scarlet.

Florence Nightingale. Rich lavender, soft pinkish sheen; exquisite.

Illuminator. A warm orange-rose self or light orange-scarlet. Very large-waved flowers.

King Edward Spencer. Rich crimson-scarlet; large open, waved flowers.

King White. Hailed as the King of Whites, because of the perfect finish of the flower in every detail—form, size, waviness and glistening, immaculate whiteness.

Nubian. The finest deep chocolate-maroon.

Rosabelle. Fine bright rose.

Senator Spencer. A large and fine striped; seal-brown and claret flakes on white.

Sincerity. Cerise.

Vermillion Brilliant. Brilliant scarlet; waved flowers.

Wedgewood Blue. A clear light silvery-blue; a large-flowering strain and the best variety of its color.

GRANDIFLORA SWEET PEAS, MIXED. This splendid mixture of Eckford's Grandiflora and the Unwin types is a studied formula containing proportions of various bright colors and shades. Pkt., 10c; oz., 15c; $\frac{1}{4}$ -lb., 45c; lb., \$1.25, postpaid.

New Early-Flowering Spencer Sweet Peas

Bloom four weeks earlier than the late Spencers, and under congenial conditions flower continuously for four months. Producing profusely, immense, waved flowers. "Fours" Predominating on long stems. Price Early Flowering Varieties: Pkt., 25c; oz., 75c; $\frac{1}{4}$ lb., \$2.50.

EARLY SNOWFLAKE. Pure white and the best white early flowering white seeded Spencer in existence.

EARLY MORNING STAR. Deep orange-scarlet or flame color with rich orange-pink wings.

EARLY SPRING MAID. An exquisite light cream-pink that is soft pink over a cream ground color.

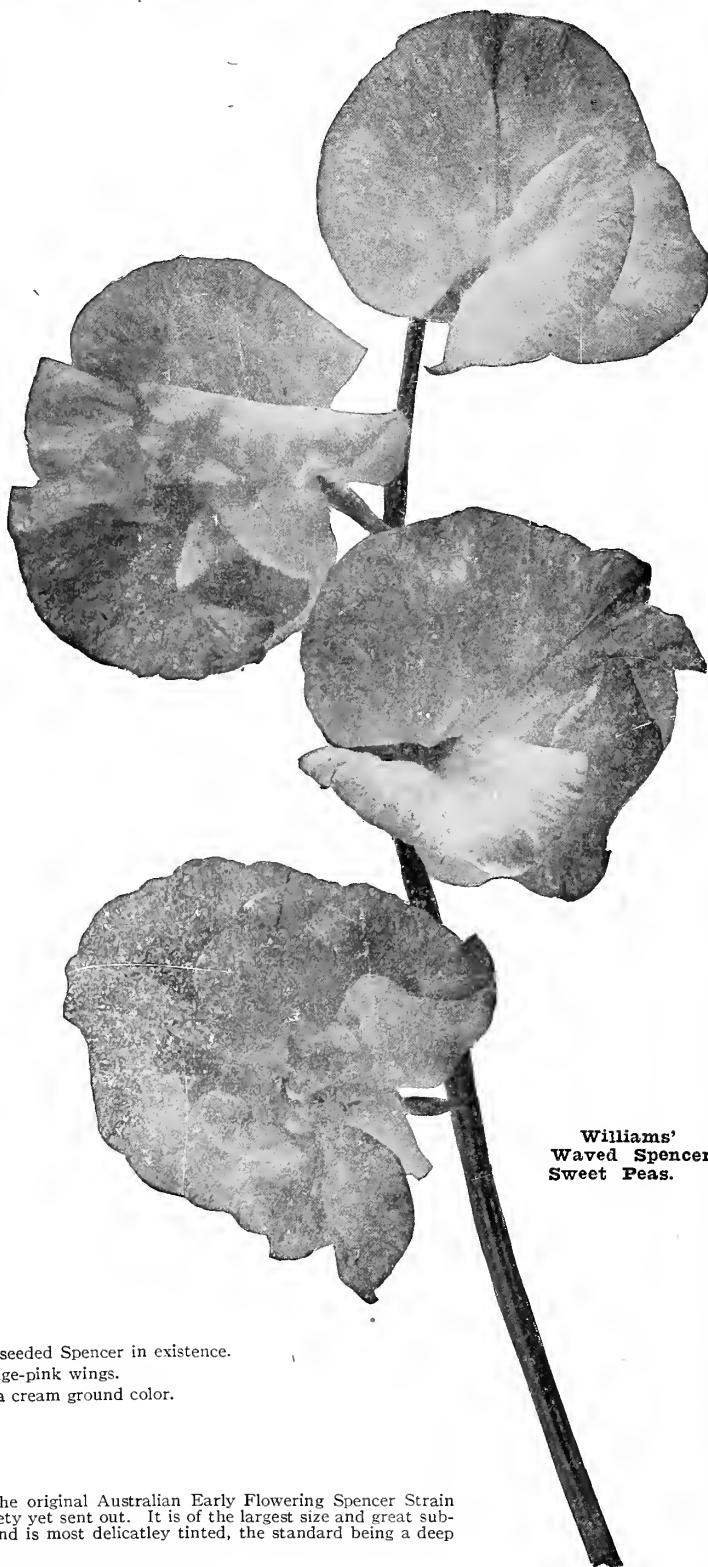
EARLY HEATHER BELL. A rich pleasing mauve-lavender.

EARLY CANARY BIRD. Beautiful canary yellow.

EARLY SONG BIRD. Pale blush pink.

EARLY WARBLER. Rich mauve purple.

EARLY YARRAWA. (Originator's strain). This world-famous variety was the original Australian Early Flowering Spencer Strain of Sweet Peas, and in its color it is absolutely the best Early Flowering variety yet sent out. It is of the largest size and great substance, it bears three and sometimes four flowers on splendid long stems and is most delicately tinted, the standard being a deep rose-pink and the wings soft blush-pink.

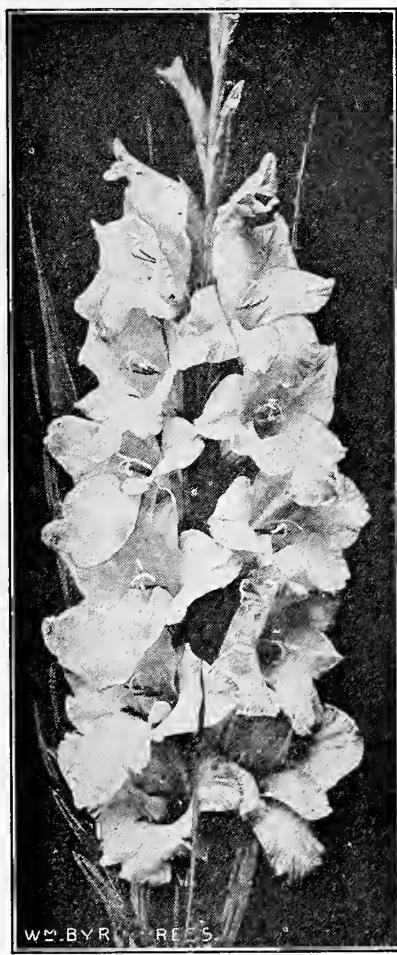


Williams'
Waved
Spencer
Sweet Peas.

PROFIT SHARING COUPON

On the inside front cover of this book, purchasers will find our profit sharing coupon. This coupon counts as cash on all orders for vegetable or flower seeds amounting to \$1.50 or over. Be sure to enclose the coupon with your order and deduct 25c from the total amount of your order.

WILLIAMS' CHOICE GLADIOLI



Gladioli America.

No matter what size of garden you have, it should contain Gladioli. They are one of the most beautiful of the summer blooming flowers, and used for cutting are exceedingly useful and attractive.

Gladioli are of easy cultivation and a few bulbs should be planted each week from March to August.

America. Perhaps the most popular Gladiolus grown, immense flowers of exquisite soft pink, glistening in the sunlight as if sprinkled with diamond dust. A touch of tyrian-rose ornaments the throat. Strong grower, free bloomer, tall, well furnished spike. (See engraving.) 85c doz.; \$5.50 per 100.

Attraction. Extra large flowers of richest crimson, pure white throat, very effective, tall strong spike. 90c doz.; \$6.00 per 100.

Augusta. Lovely pure white, with lavender anthers. 85c doz.; \$5.50 per 100.

Baron Hulct. Fine deep violet blue, full round flowers closely set on strong stem. \$1.25 doz.; \$8.00 per 100.

Crackerjack. Dark, rich velvety-red throat spotted yellow and maroon. \$1.00 doz.; \$7.00 per 100.

Empress of India. Deep purplish red, very rare color. \$1.00 doz.; \$7.00 per 100.

Halley. Magnificent flowers of delicate salmon pink with creamy blotch. One of the earliest. 85c doz.; \$5.50 per 100.

Mrs. Francis King. Light scarlet, long strong spike bearing immense flowers. 85c doz.; \$5.50 per 100.

Niagara. Lovely cream shade, petals canary yellow, throat carmine. 90c doz.; \$6.00 per 100.

Mrs. Frank Pendleton. Very large flowers; salmon pink with deep carmine throat. \$1.00 doz.; \$7.00 per 100.

Panama. Extra fine pink, long spikes with large flowers. 85c doz.; \$5.50 per 100.

Peace. Immense flowers of beautiful white with pale lilac feathering. 90c doz.; \$6.00 per 100.

Prince of Wales. A beautiful variety rapidly becoming a prime favorite. Exquisite pure golden salmon melting to primrose, yellow throat, overlaid with deep orange. Very early. \$1.50 doz.; \$10.00 per 100.

Schwaben. Clear canary yellow, little red stripe on lower petals. Large flowers on long stalks. \$1.00 doz.; \$7.00 per 100.

Sulphur King. Clear sulphur yellow, a most valuable sort, flowers of large size. The best of the yellows. \$2.00 doz.; \$12.00 per 100.

War. Deep blood red, shaded crimson black, very tall large flowering. \$1.50 doz.; \$10.00 per 100.

Gladiolus Mixtures

EXTRA SELECTED BULBS

Groff's Primulinus Hybrids. Beautiful graceful flowers of medium size, lovely colors of all shades of yellow, from pure yellow through to orange-red. Vigorous growers and fine for cutting. \$1.00 doz.; \$7.00 per 100.

Doz. 100.

Williams' Rainbow Mixture (all colors)..... 75c \$5.00

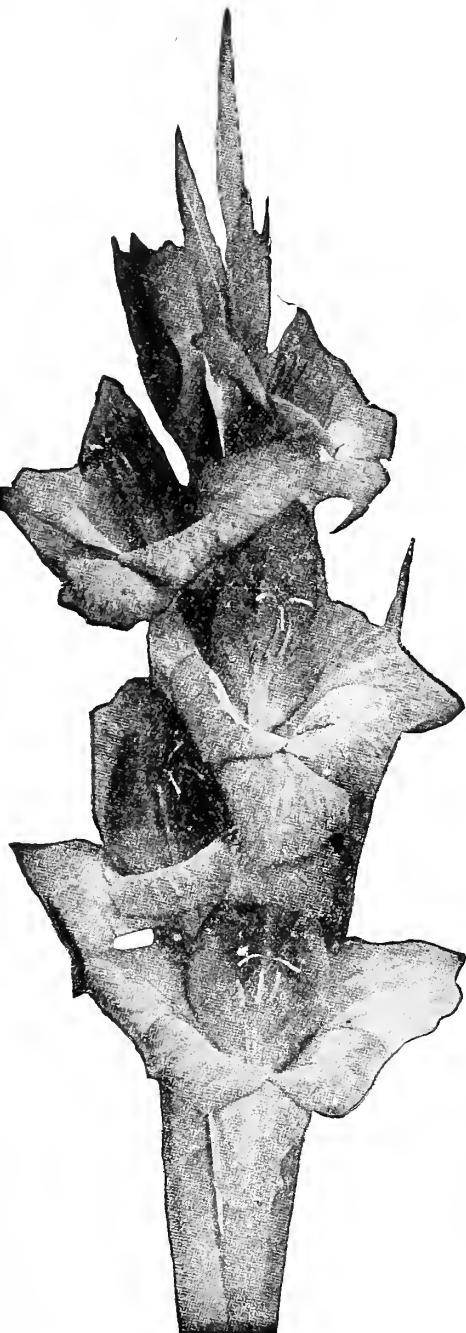
White and Light Shades..... 60c 4.00

Scarlet and Red Shades..... 60c 4.00

Pink Shades 60c 4.00

Blue Shades 60c 4.00

Yellow and Orange Shades 60c 4.00



CANNAS

(DORMANT ROOTS)

Austria. 4½ feet. Pure canary yellow with crimson spots in the center of the two inside petals. Each, 15c; \$1.50 per dozen.

Charles Henderson. An old favorite; a fine shade of deep crimson; dwarf and compact; green foliage; height, about 4½ feet. 15c each; \$1.50 per doz.; \$10.00 per 100.

Eureka. The best white Canna for all purposes. The large substantial flowers are very freely produced on strong vigorous plants. 4½ feet. 25c each; \$2.50 per doz.; \$15.00 per 100.



King Humbert Canna.

King Humbert. The most popular Canna. Great orange-scarlet flowers surmount the vigorous dark bronze foliage throughout the season; 5 feet. 15c each; \$1.50 per doz.; \$10.00 per 100.

Panama. 3 feet. Color rich orange-red with a border of golden yellow. Flowers of large size with enormous wide petals. 15c each; \$1.50 per doz.

Rosea Gigantea. 3½ feet. Rich soft rose pink flowers of gigantic size; a prolific bloomer. The large broad petals and the massive heads of bloom invariably create a sensation. 15c each; \$1.50 per doz.; \$10.00 per 100.

Shenandoah. The foliage is rich ruby-red, veined and tinted bronze. It bears fine large trusses of beautiful waxy rose-pink flowers. 15c each; \$1.50 per doz.; \$10.00 per 100.



Wintzer's Colossal Canna.

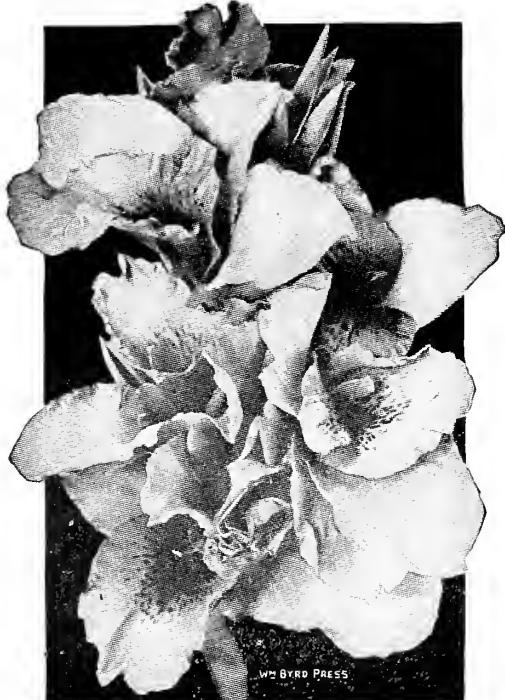
The President. 4 feet. This Canna is superior to any other red variety in the quality and also the quantity of bloom. Color rich glowing scarlet and the immense firm flowers are produced on strong erect stalks well above the large, rich green foliage. 25c each; \$2.50 per doz.; \$15.00 per 100.

Venus. 4 feet. A gay rosy-pink, with a well-defined border of creamy yellow. 15c each; \$1.50 per doz.; \$10.00 per 100.

Yellow King Humbert. This is a sport of the well-known bronze-leaved variety, but this sort has green foliage; about 4½ feet high, with masses of golden yellow flowers, dotted red. 25c each; \$2.50 per doz.; \$15.00 per 100.

Wintzer's Colossal. 5 feet. Without a doubt the largest-flowered Canna yet produced. Flowers of vivid scarlet, sometimes measuring eight inches across. 15c each; \$1.50 per doz.; \$10.00 per 100.

One Root each of the above 11 choice varieties, \$1.25, postpaid.



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Show Dahlias

Price of the following varieties: Each 25c; 3 for 65c; doz. \$2.50.

A. D. LIVONI. Well formed flowers with long stems. One of the freest blooming Dahlias in cultivation. Color a delicate pink.

CUBAN GIANT. Flowers of great size held erect on long stems well above the foliage. Color a dark reddish-maroon.

DOROTHY PEACOCK. Strong, sturdy grower, flowers of good size. Color is a soft pink.

DREER'S WHITE. A good free-flowering variety. Color is clear snow white.

QUEEN OF YELLOWS. Free-flowering, large flowers of clear yellow.

SPECIAL OFFER: One each of the above 5 varieties, value \$1.25, for \$1.00, postpaid.

Peony-Flowered Dahlias

This is a popular type of Dahlia. The flowers are large, having broad, twisted and curled petals, and closely resemble the semi-double Peonies.

COPPERSMITH. A fine variety, blooms early and freely, bearing flowers clear of the foliage on strong stems. Color is a light copper or bronze. Each 75c; 3 for \$1.95; doz. \$7.50.

JAN OLIESLAGERS. Large, free-flowering variety. Color a deep primrose yellow. Each 50c; 3 for \$1.30; doz. \$5.00.

H. J. LOVINK. Flowers of perfect form. Color white flushed with lilac. Each 50c; 3 for \$1.30; doz. \$5.00.

MRS. JOHN GRIBBEL. Early profuse-flowering variety. Color a light salmon-pink, flushed with amber. Each 50c; 3 for \$1.30; doz. \$5.00.

MADONNA. Flowers are large with gracefully curved petals. A beauty in every sense of the word. Color white with pinkish shadings. Each 50c; 3 for \$1.30; doz. \$5.00.

SPECIAL OFFER: One each of the above 5 varieties, value \$2.75, for \$2.25, postpaid.

Williams' Dahlias

The roots we offer are field grown from which good, strong free flowering plants are most likely to come.

The roots should be set out three feet apart after all danger of frost is over. The soil should be deeply dug and well drained, a stiff clay soil should be avoided, and a sunny situation is desirable. Place the roots horizontally, covering 5 to 6 inches deep, water frequently during dry weather. The plants should be supported by tying to stakes.

Please state if we may substitute should we be sold out of any variety ordered.

Cactus Dahlia

This type is the favorite of the Dahlia family, its popularity being heightened on account of its splendid keeping qualities as a cut flower.

F. W. FELLOWS. One of the best in this class, early free-blooming, flowers of immense size of a lovely bright orange-scarlet color. Each 75c; 3 for \$1.95; doz. \$7.50.

GEO. SCHOFIELD. Narrow petals, much incurved. Color yellow in center deepening to apricot with white tips. Each 75c; 3 for \$1.95; doz. \$7.50.

GLORY OF WILTS. A good yellow variety, true to type; color is a bright, rich yellow. Each 35c; 3 for 95c; doz. \$3.50.

H. L. BROUSSON. Flowers of large size with incurved petals. Color rich rose with white center. Each 50c; 3 for \$1.30; doz. \$5.00.

HOMER. Large beautifully incurved flowers. Color bright rich maroon. Each 50c; 3 for \$1.30; doz. \$5.00.

J. H. JACKSON. Flowers are extra large, strong grower. Color is a splendid deep velvety blackish-maroon. Each 25c; 3 for 65c; doz. \$2.50.

LAWINE. Early free flowering, flowers of good form, pure white. Each 35c; 3 for 95c; doz. \$3.50.

MARJORIE CASTLETON. The favorite pink cactus Dahlia. Very delicate pink shading lighter towards the center. Each 35c; 3 for 95c; doz. \$3.50.

SPECIAL OFFER: One each of the above 8 varieties, value \$3.80 for \$3.00, postpaid.

Choice Decorative Dahlias

These are fine, large flowering, broad petaled Dahlias, with the flower on long, strong stems.

DELICATE. This is one of the finest of the Decorative Dahlias. The flowers are held well above the foliage on stout stems; the color is a glowing rose pink. Each 35c; 3 for 95c; doz. \$3.50.

DR. TEVIS. Color a pretty shade of salmon-rose suffused with old gold. flowers are of enormous size held erect on stiff stems. Each \$1.00; 3 for \$2.70; doz. \$10.00.

HORTULANUS FIET. A rich salmon suffused amber and yellow. A large and attractive flower easily grown. Each 75c; 3 for \$1.95; doz. \$7.50.

JEAN KERR. A strong growing, short petaled Decorative, splendid for cutting. Color is pure white. Each 75c; 3 for \$1.95; doz. \$7.50.

MILLIONAIRE. One of the largest in cultivation. Color lavender shading to white. Each \$1.50; 3 for \$4.00; doz. \$15.00.

MINA BURGLE. A striking brilliant scarlet, very large flowering and of great beauty. Each 50c; 3 for \$1.30; doz. \$5.00.

PRINCESS PAT. Large flowers borne on strong stems, splendid for cutting. Color a most beautiful shade of old rose. Each \$1.50; 3 for \$4.00; doz. \$15.00.

SYLVIA. This is a fine variety with large well formed flowers, blooms early and freely. Color is a rich pink tinting to light pink in center. Each 35c; 3 for 95c; doz. \$3.50.

SPECIAL OFFER: One each of the above 8 varieties, value \$6.70, for \$5.50, postpaid.



Decorative Dahlia.

Pompon Dahlias

Bushy plants covered with small ball-shaped Dahlias about two inches in diameter.

Price of the following varieties: Each 25c; doz. \$2.50.

ALEMINE. Delicate pink edged lavender.

CARDINAL. Red. Splendid grower and free bloomer.

NEATNESS. Pale salmon with cream center.

SNOWCLAD. Pure white, free blooming.

SPECIAL OFFER: One each of the above 4 varieties, value \$1.00, for 85c, postpaid.

Summer Flowering Bulbs

Tuberoses

Double Dwarf Pearl

The strain we offer is greatly improved, the flowers are of largest size, very double waxy white, and deliciously fragrant. 10c each; 80c per doz.; \$6.25 per 100, postpaid.

Tuberose Early Flowering Single

75c per dozen; \$5.75 per 100, postpaid.



Caladium Esculentum.

Madeira Vine

The old favorite "Climbing Mignonette," so much prized for porches and arbors on account of its rapid growth and freedom from insects. Thick, glossy leaves, and long, hanging stems of feathery, fragrant white flowers. The tubers we offer are selected large size. Price, 15c each; \$1.50 per dozen, postpaid.

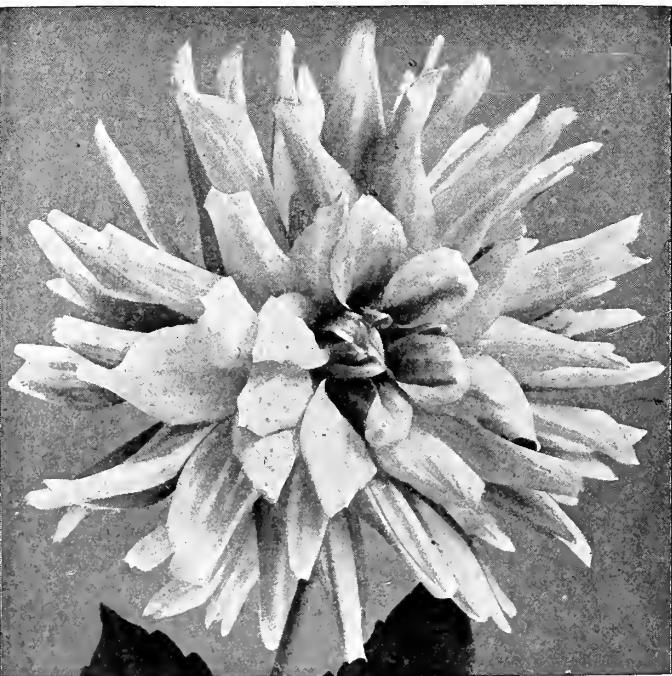
Peony Roots in Separate Colors

	Each	Doz.	100
Exhibition Double White.....	\$0.50	\$5.00	\$35.00
Exhibition Double Rose Pink.....	.50	5.00	35.00
Exhibition Double Crimson.....	.50	5.00	35.00
Exhibition Double Mixed Colors.....	.45	4.50	32.50

Hardy Lily Bulbs

LILIUM AURATUM. These charming bulbs are commonly known as the Golden Rayed Lily of Japan. (See engraving.) Plant the bulbs 5 inches deep and about 6 inches apart. Height 3 to 4 feet. **Mammoth Bulbs.** 40c each; dozen, \$4.00, postpaid.

LILIUM SPECIOSUM RUBRUM. Large bulbs, producing attractive white flowers shaded and spotted with rose and red. **Mammoth Bulbs,** 40c each; dozen, \$4.00, postpaid.



Cactus Dahlia.

Caladium Esculentum

Elephant's Ear. Grand, tropical-looking plant. A favorite for specimens on the lawn, or for bordering large sub-tropical groups. They produce enormous leaves, frequently 4 feet long by 3 feet wide; height 4 to 5 feet.

Extra Size. 9 to 11 inches in circumference. Price, 20c each; \$2.00 per doz.

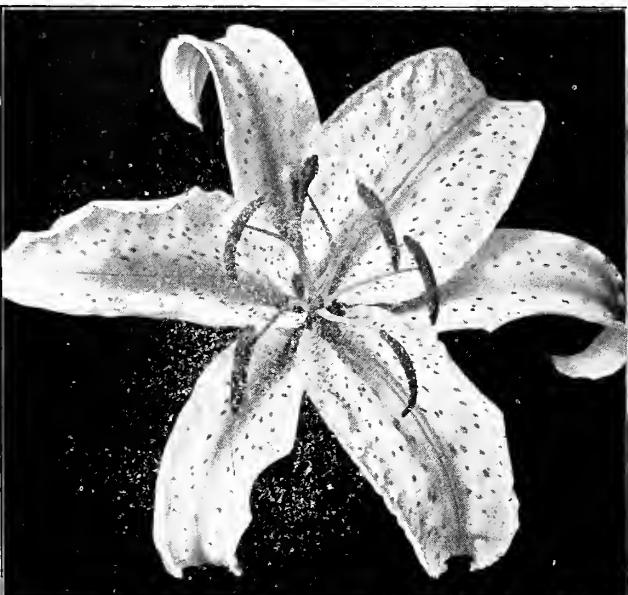
First Size. 7 to 9 inches in circumference. Price, 15c each; \$1.50 per doz.

Hyacinthus Candicans

A luxuriant-growing, summer-flowering plant, spreading 2 to 3 feet, throwing spikes 4 to 5 feet in height, each bearing 20 to 30 large, white, bell-shaped flowers, splendid for groups. If planted in the center of beds of scarlet Gladiolus, the effect is magnificent. Price, 10c each; \$1.00 per doz., postpaid.

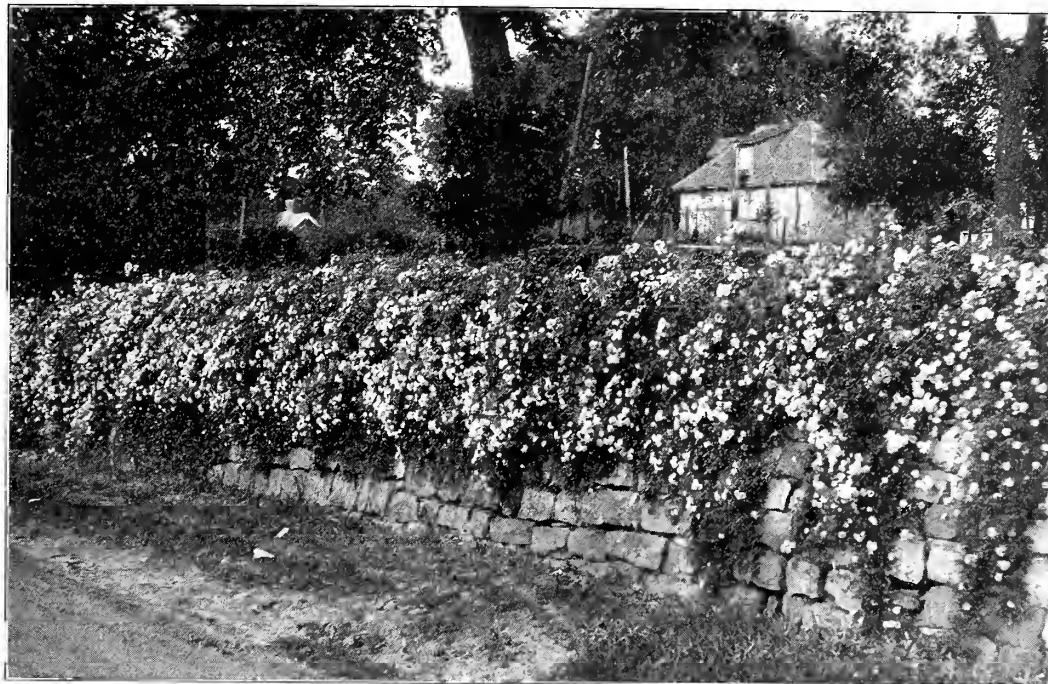
Cinnamon Vine

Splendid hardy climber of rapid growth, with bright green foliage and white, cinnamon-scented flowers. Grow from 15 to 30 feet high the first season and will attain a much greater length when fully established. Extra-large roots. 15c each; \$1.50 per doz., postpaid.



Lilium Speciosum Rubrum.

Williams' Roses for the Garden



Dorothy Perkins.

Old plants should be pruned in March, one-half to two-thirds of the previous season's growth, as well as all dead wood, being removed. Do not allow shoots from below the crown to develop and sap the vitality of the plant.

PROTECTION. In our climate, roses do best when given winter protection. Hill them up with earth to a depth of six inches or more and cover the bed with strawy manure, secured from blowing away by boards or evergreen branches. In spring rake off the coarse manure and spade in the remaining fine litter. Tree roses must be tied up in straw or removed to a cool cellar during the cold weather.

INSECTS. The most common pests are aphides or lice, and green and black flies. A good general remedy is a spray containing nicotine or a similar irritant, various preparations of this nature being obtainable. Since this acts upon the bodies of the insects by contact, it must be so applied as to actually hit them. Rose-bugs (beetles) must be picked or shaken from the plants, or poisoned with Melrosine.

For mildew, dust the leaves with powdered sulphur.

Garden Roses

The Roses suitable for cut-flower purposes are grouped under this head. They include most of the hybrids best adapted to garden culture. Abbreviations: A, B, Austrian Brier; B., Bourbon; H. P., Hybrid Perpetual; H. T., Hybrid Tea; M., Moss; T., Tea.

POTTED PLANTS

All the plants we offer this season are from 5 and 6 inch pots and in a thrifty growing condition when delivered.

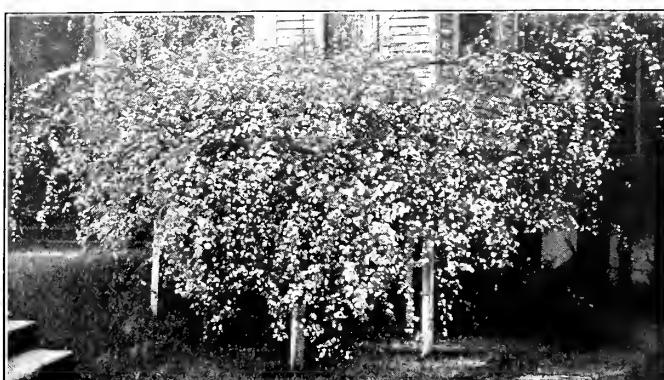
	Each	Doz.
Anne de Diesbach or Glory of Paris (H. P.) Shell-pink.....	\$1.25	\$12.00
Antoine Rivorie (H. T.) Creamy-white, delicately tinted with pink.....	1.25	12.00
Bessie Brown (H. T.) White, flushed pink.....	1.25	12.00
Betty (H. T.) Coppery yellow.....	1.25	12.00
British Queen (H. T.) Pure white, slightly flushed rose.....	1.25	12.00
Captian Hayward (H. P.) Clowing crimson.....	1.25	12.00
Columbia (H. T.) Peach-pink.....	1.50	15.00
Dorothy Page Roberts (H. T.) Coppery-pink.....	1.25	12.00
Duchess of Albany (H. T.) Deep rose-pink.....	1.25	12.00
Ecarlate (H. T.) Scarlet red.....	1.25	12.00
Edith Part (H. T.) Rich red, suffused with deep salmon and coppery-yellow.....	1.25	12.00
Frau Karl Druschki. The White American Beauty, or Snow Queen (H. P.) Snow white.....	1.25	12.00
General Jacqueminot (H. P.) Bright, shining crimson.....	1.25	12.00

Directions for Planting and Care

PLANTING. Roses are best planted in early spring, tho' good results follow planting in October or early November. Potted plants may be set out at any time during the spring or summer months. Rich soil is necessary for success with roses. Dig the bed deep, and fill with plenty of well-rotted manure. Set the plants $2\frac{1}{2}$ feet apart, and bury the collar or bud about three inches below the surface of the ground. Spread the roots and work the soil in amongst them, finally treading firmly. Water frequently in dry seasons, and keep the surface of the bed cultivated.

PRUNING. New plants should be cut back to within six inches of the ground.

	Each	Doz.
General MacArthur (H. T.) Vivid crimson-scarlet.....	1.25	12.00
General-Superior Arnold Janssen (H. T.) Glowing deep carmine-red.....	1.25	12.00
Gruss An Teplitz or Virginia R. Cox (H. T.) Vivid velvety crimson.....	1.25	12.00



	Each	Doz.
Jonkheer J. L. Mock (H. T.) Clear imperial pink, reverse of petals rosy silvery-white.....	1.25	12.00
Killarney or Irish Beauty (H. T.) Pink with large, pointed buds. 1.25	12.00	
Killarney White (H. T.) Pure white.....	1.25	12.00
Lady Hillingdon (T.) Deep apricot-yellow.....	1.25	12.00
Madame Caroline Testout (H. T.) Brilliant satiny-rose.....	1.25	12.00
Marshall P. Wilder (H. P.) Deep, rich, glowing red.....	1.25	12.00
Mary, Countess of Ilchester (H. T.) Crimson-carmine.....	1.25	12.00
Mrs. Aaron Ward (H. T.) Indian-yellow shading to lemon-cream 1.25	12.00	
Mrs. John Laing (H.P.) Bright, shining pink.....	1.25	12.00
Ophelia (H.T.) Brilliant salmon-flesh shaded with rose.....	1.25	12.00
Ophelia Supreme (H. T.) Light rose-pink.....	1.50	15.00
Paul Neyron (H. P.) Bright, shining pink.....	1.25	12.00
Radiance (H. T.) Brilliant rosy-carmine.....	1.25	12.00
Souvenir du President Carnot (H. T.) Delicate flush-white....	1.25	12.00
Ulrich Brunner (H. P.) Brilliant cherry-red	1.25	12.00
Viscountess Folkstone (H. T.) Creamy-white deep salmon-pink center.....	1.25	12.00
Wellesley (H.T.) Salmon rose; reverse of petals silvery-rose....	1.25	12.00
White Caroline Testout (H. T.) Pure white.....	1.25	12.00
William Notting (H. T.) Rose-cerise, with deeper center.....	1.25	12.00



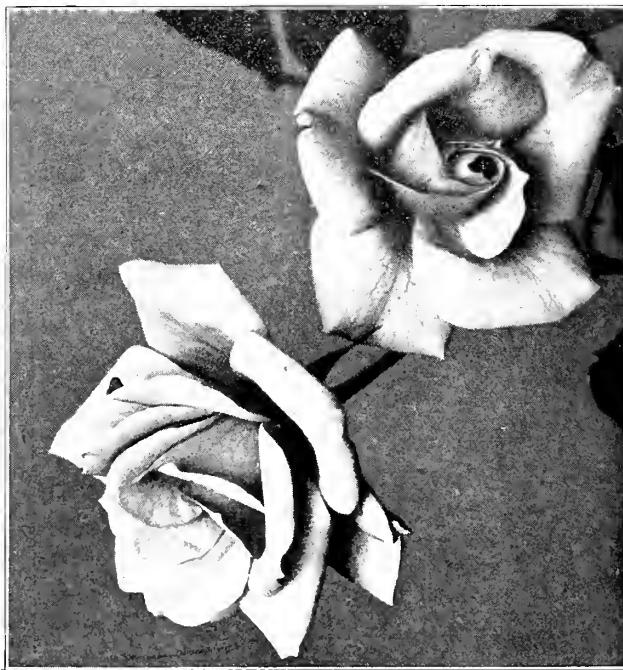
Killarney.

Climbing Roses

Most of the roses in this class are hardy and rapid-growing, thriving in any situation where they receive sunlight for a part of the day. Abbreviations: Cl. T., Climbing Tea; Cl. H. T., Climbing Hybrid Tea; Cl. Poly., Climbing Polyantha; H. Cl., Hardy Climber; H. W., Hybrid Wichuriana; W., Wichuriana.

POTTED PLANTS

	Each	Doz.
Climbing-American Beauty (H. Cl.) Rich red.....	1.00	10.00
Doctor W. Van Fleet (H. W.) A delicate flesh-pink.....	1.00	10.00
Dorothy Perkins (H. W.) Deep rose; very sweet-scented.....	1.00	10.00
Excelsa or Red Dorothy Perkins (H. W.) Intense crimson-scarlet. 1.00		10.00
Miss G. Messman or Climbing Baby Rambler (Cl. Poly.) A true ever-blooming Crimson Rambler.....	1.25	12.00
Paul's Scarlet Runner (H. W.) Vivid scarlet	1.25	12.00
Scarlet Moon (H. W.) Clear silvery white, bright-yellow stamens. 1.00		10.00
Tausendschon or Thousand Beauties (Cl. P.) Flushed white to a deep pink.....	1.00	10.00

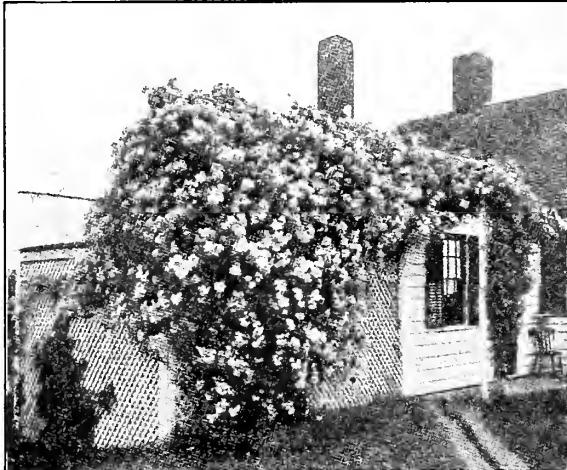


Paul Neyron.

WHY RAISE ROSES TO FEED BUGS



Melrosine.—The only remedy—endorsed by leading authorities. The GENERAL CONTACT INSECTICIDE that KILLS ROSE BUGS and other insects. Used with any good spray-pump, diluted with from 20 to 25 parts of water. Pleasant and harmless to use. Guaranteed effective when used according to directions on can. Gal. \$6.00; half gal. \$3.25; qt. \$1.75; pt. \$1.00. Trial size, 50c. By mail or express at customer's expense. Or Trial Size, sufficient to make one gallon when diluted, and care for several plants for the season, postpaid for 60c.



Rose Tausendschon.

GARDEN REQUISITES



Savo All Year Round

Flower and Plant Box

STANDARD STOCK SIZES AND PRICE LIST	
Model A, 8 in. high, 9 1/2 in. wide, 23 in. long.....	\$3.50
Model B, 8 in. high, 9 1/2 in. wide, 29 in. long.....	4.00
Model C, 8 in. high, 9 1/2 in. wide, 35 in. long.....	4.50
Model D, 8 in. high, 9 1/2 in. wide, 41 in. long.....	5.00
Model E, 8 in. high, 12 in. wide, 12 in. long.....	3.50
Model F, 12 in. high, 12 in. wide, 12 in. long.....	4.00

These are outside measurements, including the 3/4-inch roll rim.

Lawn Mowers

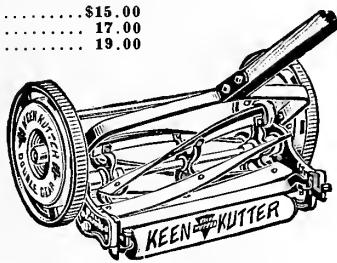
KEEN KUTTER.	14-in. cut.....	\$15.00
16-in. cut.....	17.00	
18-in. cut.....	19.00	

OAK LEAF MOWER

14-in. cut.....	\$13.00
16-in. cut.....	14.00

RUN EASY LAWN MOWER

14-in. cut.....	\$8.50
16-in. cut.....	9.50



Garden Hose

Rubber, Non-kinkable.

In lengths of 25 feet or more; will stand 200 pounds pressure; does not kink. Guaranteed for one year. 3/4-inch, coupled, per foot.....

16c

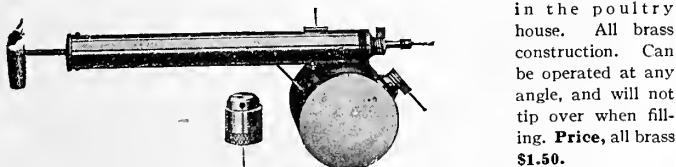
Sprinklers

PRESTON three-arm Lawn Sprinkler.....	\$2.25
FOUNTAIN or RING SPRINKLER. Made of heavy brass.....	\$1.25

Auto Spray No. 25

A continuous hand sprayer; will handle all solutions, insecticides and disinfectants. Can be used in the greenhouse, kitchen, gardens, for rose bushes and

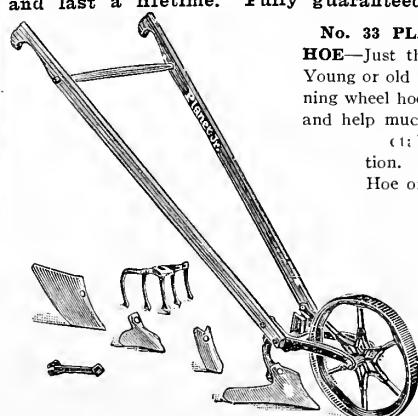
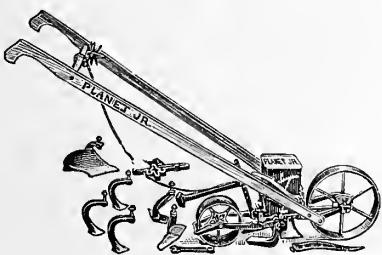
in the poultry house. All brass construction. Can be operated at any angle, and will not tip over when filling. Price, all brass \$1.50.



PLANET JR. FARM AND GARDEN TOOLS

Planet Jr. Tools are the greatest savers of time, labor, and money ever invented for the farm and garden. They pay for themselves in a single season in bigger and better crops, and last a lifetime. Fully guaranteed.

PLANET JR. NO. 4 COMBINED SEEDER AND CULTIVATOR—This tool combines in a single implement, a first-class hill-dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, and a plow. It holds two quarts and sows in continuous rows, or drops in hills 4, 6, 8, 12 or 24 inches apart. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single-wheel hoe. Price, \$20.00. No. 4:D (As a Seeder only) \$15.50.



Flower Pots Earthenware



Size	Each	Doz.	100
2-in.....	\$.35	\$ 2.00	
2 1/2-in.....	.35	2.40	
3-in.....	.45	2.50	
4-in.....	.60	4.00	
5-in.....	1.20	8.00	
6-in.....	1.60	10.50	
7-in.....	3.00	16.00	
8-in.....	4.00	23.00	
10-in.....	7.00	45.00	
12-in.....	12.00	90.00	

Flower Pot Saucers, Earthenware

Size	Each	Doz.	100
5-inch.....	\$.10	\$ 4.00	
6-inch.....	.12	6.00	
7-inch.....	.15	8.00	
8-inch.....	.20	10.00	
10-inch.....	.30	12.50	\$18.00
12-inch.....	.40	15.75	26.00
14-inch.....	.60	24.00	45.00

Paper Flower Pots, Neponset

Very economical; waterproof; can be nested closely for shipping.

Diam.	Doz.	100	Diam.	Doz.	100
2 1/2-inch.....	80.15	\$0.80	4-inch.....	.80	40
3-inch.....	.25	1.20	5-inch.....	.60	3.50
3 1/2-inch.....	.30	1.50	6-inch.....	.85	4.50

Pot or Garden Labels

Wooden—	Painted		
	10	100	500
4-inch.....	\$0.10	\$0.50	\$ 1.50
4 1/2-in.....	.10	.55	1.60
5-inch.....	.15	.75	2.00
6-inch.....	.15	.80	2.25
8-inch.....	.25	2.00	7.50
10-inch.....	.30	2.50	8.50
12-inch.....	.35	3.00	10.00
			1,000
			\$ 2.50
			2.80
			3.25
			4.00
			14.00
			16.00
			19.00

Watering Pots

	Each
4 quarts.....	\$.80
6 quarts.....	1.00
8 quarts.....	1.15
10 quarts.....	1.25
12 quarts.....	1.50

"Auto Spray" No. 1

A popular sprayer for garden and orchard use. The 4-gallon tank is of heavy steel or brass as wanted. The pump is located within the tank where it is protected from injury. Requires no tools to take it apart. Two pumpings will discharge the contents. Equipped with an automatic shut-off nozzle (the Auto Pop Spray Nozzle) 2 ft. of 1/2-inch rubber hose and shoulder strap.

Galvanized Steel.....	\$7.00
Brass.....	9.00

COMPLETE
PLANET
JR. LIST
ON
APPLICATION

WILLIAMS' HIGH-GRADE FERTILIZER

The yield and quality of vegetables and flowers rely upon continuous and rapid growth and it is neither economical nor wise to depend on the natural fertility of the soil or merely the application of stable manure for profitable crops. It has been demonstrated that Lettuce becomes bitter and tough, Radishes sharp and pungent, Beets stringy and tasteless where a delay in growth occurs. The principles of success with a garden consists of careful preparation of the soil, a good application of high-grade fertilizers and thorough cultivation.

PRICES QUOTED ARE F. O. B. NORFOLK, AND SUBJECT TO CHANGE WITHOUT NOTICE.

Williams' Special Garden Fertilizer

FOR VEGETABLES, LAWNS, FLOWERS AND BULBS

6-lb. package, 65c; 12-lb. package, \$1.10; 25-lb. package, \$2.00. If wanted by Parcel Post add postage at Zone rates.

V-C Plant Food

1-lb. can, 25c; 6½-lb. can \$1.00; 5-lb. bag, 75c; 10-lb. bag, \$1.25. If wanted by Parcel Post add postage at Zone rates.

Pulverized Sheep Manure

Sheep Manure is the ideal fertilizer to use for the lawn, in the garden, the perennial border, shrubbery beds, small fruit garden, flower beds, etc. 5 lbs., 25c; 10 lbs., 45c; 25 lbs., \$1.00; 100 lbs., \$3.25

Raw Ground Bone

This is moderately fine and particularly adapted for general fertilizing; the finer particles are immediately beneficial, the coarse keeping up the supply of plant food for a long period. 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$4.50.



Mulford Cultures

For Legumes

SMALL COST—EASY TO USE—LARGE RETURNS

Mulford Cultures are Prepared for

ALFALFA (Lucerne)
BURN CLOVER
VELVET BEANS
CRIMSON CLOVER
COWPEAS

SWEET PEAS
SWEET CLOVER
SOY BEANS
GARDEN PEAS
RED CLOVER

PEANUTS
GARDEN BEANS
ALSIKE CLOVER
VETCH
LIMA BEANS

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

PRICES

5-acre size.....	\$5.00	Small size (supplied only in 4 varieties, for Garden Peas, Garden Beans, Lima Beans, and Sweet Peas)	\$35
1-acre size.....	\$1.50		
¼-acre size.....	.75		

INSECTICIDES, FUNGICIDES, ETC.

PRICES SUBJECT TO MARKET CHANGES. PURCHASERS PAY TRANSIT CHARGES.



ARSENATE OF LEAD, POWDERED. Better than paris green. Does not burn foliage. Has all advantages of Arsenate of Lead Paste, but goes twice as far, and is easier to handle. Dilute 1 pound to 50 gallons. ½ lb., 40c; 1b., 65c.

BLACK LEAF 40. (Nicoine sulphate). Most effective spray to kill all plant-lice; as it kills by contact, it should be applied through an atomizer. Oz-bottle, 35c; ½-lb. tin, \$1.25; 2-lb. tin, \$3.75; 10 lbs., \$15.50.

BORDEAUX MIXTURE. (Liquid). For blight, mildew, rust, and fungous diseases. Also prevents and cures black-rot and scab, and acts as a deterrent for insects on fruits and vegetables. 1 gallon makes 50 gallons. Pt., 40c; qt., 75c.

BORDEAUX MIXTURE. (Powdered). Used same as Bordeaux Mixture-Liquid. Also used for dry dusting. Dilutes 1 pound to 8 gallons of water. 1 lb., 45c; 5 lbs., \$2.00.

SLUG SHOT. Destroys worms on cabbage, currant, tomatoes, eggplants, and all leaf-eating insects. 1 lb., 25c.

DRY LIME-SULPHUR. Exactly like lime-sulphur except that the water has been taken out. No freight to pay on water, no leakage, never freezes. For fall and spring, spraying, use 12 to 15 lbs. to 50 gallons water; stone fruits 1½ to 2 lbs. to 50 gallons water. To the summer spray add 2 lbs. arsenate of lead to make a combined insecticide and fungicide. 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50.



NICO-FUME TOBACCO PAPER INSECTICIDE. A nicotine saturated paper for fumigating in greenhouses. 24 sheets, \$1.25; 144 sheets, \$5.00.

TREE TANGLEFOOT. (Liquid). Applied directly to the bark of trees; will catch all climbing insects. One application remains effective for three months. 1 lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.25.

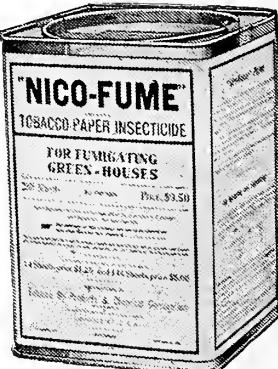
TOBACCO DUST. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 75c; 100 lbs., \$6.00.

PARIS GREEN. An insoluble, poisonous powder for potato bugs, codling moth, worms, caterpillars, slugs and bugs. Applied as a powder it should be mixed with plaster or flour, 100 parts to 1 part of Paris Green; in solution, mix 1 lb. in 200 to 300 gallons of water. Price, ½ lb. packages, 35c; 1-lb. packages, 65c; 5-lb. package, \$2.30.

PYROX. A combined insecticide and fungicide for all leaf-eating insects, blights and fungus troubles on trees, grapes, small fruits, potatoes, cucumbers, vegetables, roses, shrubbery, etc. It is a creamy paste, and needs only to be mixed with cold water to apply. Price, 1 lb. bottle, 50c.; 5 lb., \$2.00.

SCALECIDE. Sure death to the San Jose scale. A soluble petroleum spray for use in orchards. It is economical effective, and acts as a fungicide. Qt., 65c; gal., \$1.60.

Write for Special Low Prices on Large Quantities of Insecticides.



POULTRY FOODS AND SUPPLIES

Lay or Bust Feeds

FOR HENS

PARK & POLLARD'S "Lay or Bust" has revolutionized the poultry business. It has made it possible to make money on hens and be sure of it. Here is a feed which, plus energy and cleanliness, leaves failure out of the question.

"**Lay or Bust**" suits the hen to a T. The hens eat **all** of it because it's all good. There is no waste. The many wholesome ingredients used in making "**Lay or Bust**" are blended just right. There is never too much of one thing and a lack of others to make the feed unbalanced, not uniform and unfit. Hens love "**Lay or Bust**". It puts the jingle into them, makes them feel good and supplies the things they need to send them often to the nest.

When we tell you that our "**Lay or Bust**" makes them "lay or bust" every time, at all seasons of the year, we mean what we say. It is impossible for healthy hen to eat "**Lay or Bust**" and not lay.

Lay or Bust Mash. 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00.

Park & Pollard's Year Book tells all about Poultry mailed free on request.



Dr. Hess' Remedies

DR. HESS' STOCK TONIC—Best for Hogs, Horses, Cows, etc. Pkt., 25c, 50c.

DR. HESS' POULTRY PAN-A-CEA—Guaranteed tonic and egg producer. 1½-lb. package, 25c; 6-lb. package, 75c; 12-lb. package, \$1.50; 25 lbs., \$3.00.

DR. HESS' INSTANT LOUSE KILLER—Shipping weight, 2 pounds and 3 pounds. Price, 25c and 50c package.

DR. HESS' DISINFECTANT AND DIP—1-pint bottle, 40c; 1 quart, 65c.

Cyphers Incubators

Standard of the World

Cyphers Standard Incubators are built to hatch and to last; with ordinary care they should last a lifetime. The sides and top are double-walled with the wide spaces between the walls carefully packed with high-grade insulating material. Do not overlook the economy of fuel in a properly insulated incubator. You may save the extra cost of such a machine in a single season, in the saving of oil alone.

PRICES:

	Price
No. 0—Cyphers Standard Incubator, 70-egg size.....	\$33.00
No. 1—Cyphers Standard Incubator, 144-egg size.....	42.00
No. 2—Cyphers Standard Incubator, 244-egg size.....	56.00
No. 3—Cyphers Standard Incubator, 390-egg size.....	69.00

Cyphers Center Lamp Portable Hover

The Center Lamp Hover has won the warmest admiration of all classes. On the Rancocas Poultry Farms, Browns Mills, N. J., known as the "Million Egg Farm," there are 420 of these hovers in use every year.

The Center Lamp Hover can be used anywhere that there is protection for the chicks from wind and rain. It has made the expensive brooder house a mere relic of the past. Price, \$13.50.

Our Baby Chick Department

Each year we sell thousands of baby chickens and experience has taught us that comparison of prices should not be a deciding factor when purchasing baby chickens. Weak, poorly hatched chicks are costly at any price. From year to year we have used the greatest care in selecting our breeders and we have already contracted with the best known producers of all breeds for thousands of each variety for the season of 1923.

After February 1st, we can supply baby chicks of the following breeds: Wyandottes, Orpingtons, Rhode Island Reds, Barred Plymouth Rocks and Leghorns. Write for prices after February 1st.



The Apaco Poultry Feeder

Same mechanical features which have proven so successful in the Norwich Automatic, but of the hanging type. Designed for the small breeder or "back-yarder," but not recommended for the commercial plant owing to swaying motion, present in all hanging feeders, if kept constantly in action by large flocks. Rotary action, complete with the all important adjustable valve for regulating feed discharge, and guaranteed the best automatic feeder on the market at its price.

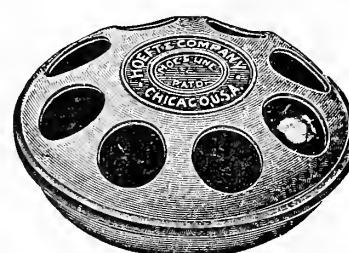
Made in one size only, 12 quart capacity. Price \$1.50.

FOR BABY CHICKS

CHICKENS are your next winter's crop of eggs. Neglect them and you invite disaster. Care for them properly and your prosperity is assured. There is only one way to raise them, and that is the best of everything for them to eat and the right care.

BONNIE BOOSTER is our Buttermilk ration. It saves some chickens that would otherwise perish. It grows the whole flock more rapidly and is a distinct advantage over any starting feed on the market. It has a wide variety of other ingredients, thus insuring palatability and full nourishment. A trial will convince the most skeptical that the ration is a wonder.

Bonnie Booster Chick Starter. 2½-lb. package, 25c; 5 lb. package, 45c



Moe's Round Chick Feeder

8 feeding holes, each	25c
12 feeding holes, each	45c

MEDICATED NEST EGGS

keep away vermin and acts as nest egg at the same time. 8c each; 2 for 15c; 75c a dozen.

Moe's Self-Locking Leg Band

12 bands, any size	30c
25 bands, any size	50c
50 bands, any size	90c

CELLULOID LEG BANDS in six sizes and ten colors, 20c per dozen; \$1.00 per 100, postpaid.

Carbola



CARBOLA. The Disinfectant That Paints Use instead of Whitewash. Put on with brush or sprayer — A snow-white cold water paint that will not blister, flake or peel off, combined with a germicide. 20 times stronger than carbolic acid, but neither caustic nor poisonous. Prices: Trial package, by parcel post, 30c; paints and disinfects 250 square feet. 10 lbs. (10 gallons) for \$1.25; 50 lbs. \$5.00.

Queen Incubators

COMPLETE QUEEN CATALOG ON APPLICATION HOT WATER HEATING

The Queen System of hot water heating prevents the drying-out tendencies found in hot air incubators and provides a soft, uniform heat over every part of the egg chamber—a heat that is most natural for the hatching eggs. The circulation of water through the radiator prevents any moisture being added or taken away from the eggs. When it becomes necessary to remove the lamp, the hot water circulating through the radiator maintains an even heat within the egg chamber without the slightest variation.

QUEEN STYLE K INCUBATORS

No.	Price
20—Capacity, 70 eggs.....	\$16.50
21—Capacity, 130 eggs.....	27.50
22—Capacity, 220 eggs.....	36.75

QUEEN BROODER STOVES

1—Capacity, 600 chicks.....	\$21.50
2—Capacity, 1200 chicks.....	26.50

Hyacinths, etc. Order your free copy now.



Pratt's Poultry Remedies

An Ounce of Prevention is worth just as much in poultry as in any other business. Many poultry diseases require prompt attention to save the fowls, several hours may be too long. Again prevention leads off expensive losses from disease outbreaks. Wise poultrymen keep a selection of Pratt's Remedies on hand for prompt treatment.



POULTRY REGULATOR. Pkt. 25c, 50c and \$1.00.

ROUP TABLETS. 25c and 50c.

SOREHEAD CHICKEN POX REXMEDY. Pkt. 30c.

POWDERED LICE KILLER. 1-lb. can, 25c; 2½ lbs. 50c.

CONDITION TABLETS. Package, 25c.

POULTRY DISINFECTANT. Quart, 65c.

WHITE DIARRHEA REMEDY. Pkt. 25c and 50c.

BRONCHITIS TABLETS. Package, 35c.

GAPE COMPOUND. Pkt., internal use, 25c; pkt., external use, 50c.

BUY EGGS BY MAIL FROM YOUR COUNTRY FRIENDS SHIPPED IN ALUMINIZED

Metal Egg Crates

Indestructible; pays for itself in a few shipments; lasts for years; makes interchangeable shipping easy. Buy yours now and realize more money for your eggs. Your friends want them.

The Metal Edge Filler is a wonder. A new invention and can not be beat for safely carrying Eggs by mail. Light in weight but strong.

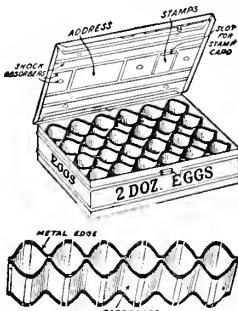
Write us about Butter-Egg Crates.

Prices:

2-dozen size	\$1.50
3-dozen size	1.75
4-dozen size	2.00
6-dozen size	2.50

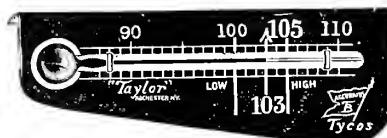
Add postage for 3 lbs. to the price of each 150 miles.

City Deliveries Free.

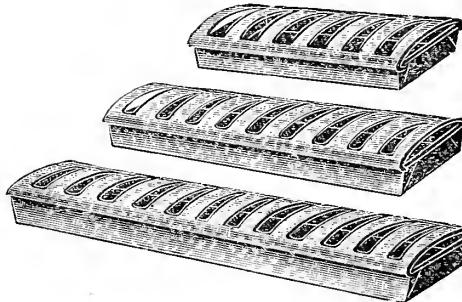


Incubator Thermometer

Each, \$1.25, postpaid.



Chick Feeders



Single Chick Feeder.

Any of the following articles ordered by Parcel Post add 10c extra for packing and postage:

DOUBLE FEEDERS
12-in.; wt. 1 lb....50c
18-in.; wt. 1½ lbs....60c
24-in.; wt. 2 lbs....70c

SINGLE FEEDERS
12-in.; wt. 1 lb....35c
18-in.; wt. 2½ lbs....40c
24-in.; wt. 2 lbs....55c

Miscellaneous

BIRD SEED, MIXED BURNETTS. Pkt. 20c.
CANARY SEED. Lb. 15c; 10 lbs. \$1.25.
HEMP SEED. Lb. 15c; 10 lbs. \$1.25.
RAPE SEED. Lb. 15c; 10 lbs. \$1.00.
SUNFLOWER SEED. Lb. 15c.
GRIT, FINE. 5 lbs. 20c.
GRIT, COURSE. 5 lbs. 20c.
OYSTER SHELL, COARSE GROUND. 5 lbs. 20c.
OYSTER SHELL, FINE GROUND. 5 lbs. 20c.
CHARCOAL. Package, 30c.

William's Special Scratch Feed

This is a mixture of the finest grains and will make hens lay and keep them at it. 5 lbs. 30c; 10 lbs. 50c; 100 lbs. \$3.00.

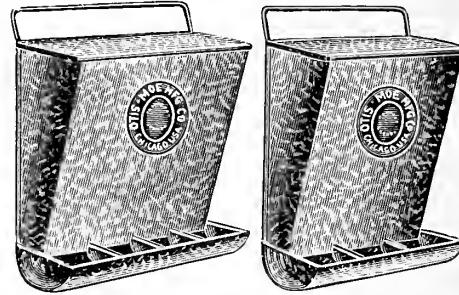
Moe's Drop Bottom Wall Fountain

A convenient style of fountain, very popular with some breeders, that can be hung up on the walls of the poultry house, out of the litter.

Manufactured from galvanized iron. May be hung up on the wall out of the dirt and litter. Nothing to get out of order. Easy to fill and easy to clean. When filled, two, back to back, may be carried in each hand. May be used for chicks, fowls or pigeons. Three sizes. 2-quart, price each \$1.00
1-gallon, price each 1.25
2-gallon, price each 1.50

Grit and Shell Boxes

Grit, shell and charcoal have now become a recognized essential part of the diet insuring healthy fowls. They cannot be more economically supplied than in one of our inexpensive compartment boxes. Can also be used as a feed hopper for little chicks. Made of heavy galvanized iron in two sizes.



No. 9—Three Compartment, Round Bottom. No. 90—Four-Compartment, Round Bottom.

No. 9—Grit Boxes. Shipping weight, 3 lbs., each.....\$0.90
No. 90—Grit Boxes. Shipping weight, 4 lbs., each.....1.25

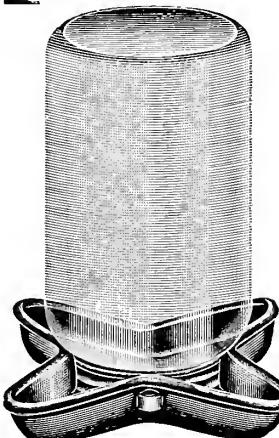
Sanitary Stone Founts

If ordering by mail or express add 25c for packing charges for one or more founts.

1-quart; wt. 4 lbs.....\$0.30
2-quart; wt. 6 lbs.....45

Star Fountains

FOR BABY CHICKS
10c each.



Mash Hoppers

12-inch. each\$2.00
18-inch. each 2.40
24-inch. each 2.80



Oat Sprouter

6 trays, each\$6.00



MELROSINE

It Kills Rose Bugs

25c COUPON --- VALUE 25c

Profit Sharing Coupon

Worth 25 Cents on All Orders of \$1.50 or Over

IF YOUR ORDER FOR

Vegetable or Flower Seeds

Amounts to \$1.50 or Over Deduct 25c for this Coupon

For this Coupon and \$1.25 you may select Vegetable or Flower Seeds to value of \$1.50

Be sure to enclose this profit-sharing coupon with your order if you deduct the 25 cents

THIS COUPON IS ALSO GOOD IF PRESENTED AT OUR STORE

Williams Seed Company, Inc.

NORFOLK, VIRGINIA

25c COUPON --- VALUE 25c

WHY RAISE ROSES

ROSE Bugs are those pernicious pests known only too well to exasperated rose lovers—the nasty grayish-brown, long-legged, quick-flying beetles, about three-eighths of an inch long, sometimes also known as Rose Chafers, Rose Beetles, Rose Curculio, etc.

They suddenly swarm in the gardens in myriads for five or six weeks, just when the roses come into bloom. They first attack white and blush roses, then passing to the yellow, pink, and red beauties. Having ruined all the roses, flowers, buds, petals, and foliage, they overrun peonies, Japanese iris, lilacs, spirea, coreopsis, rhododendrons, and other June blooms. They also infest cherries, grape vines, etc., and will even ravage vegetables.

Thus, although known as Rose Bugs, hardly a garden subject is safe from their rapacious appetite.

Meanwhile, they have laid their eggs in the lovely rosebuds, to hatch into grubs, which find their way into the soil. There they hibernate over the winter to emerge full-fledged in still greater numbers when the roses bloom again. Every Rose Bug in your garden is therefore not only a present evil, but a still greater menace for the future.

Until the advent of MELROSINE, these iron-clad spoilers were invincible; their hard shells and enormous vitality making them practically immune to ordinary poisons, unless used in such strength as to be destructive to plants.

Formerly the only known remedy (?) was to pick them by hand if you could catch them, and drown them in kerosene—in truth a counsel of despair.

BUT NOW ROSE BUGS NEED NO LONGER BE PATIENTLY ENDURED: THEY ARE EASILY ELIMINATED. If you let them ruin your garden it will simply be due to your own neglect, you can't blame it on "luck."—For, when

SPRAYED WITH MELROSINE—THEY DIE!

Based upon an entirely new principle, non-poisonous, pleasant and harmless to use, yet

S TO FEED BUGS

MELROSINE

Is Certain Death to Rose Bugs!

The blooms are saved *without spot or blemish*, PERFECT—for not only the dreaded Rose Bugs but other insects are destroyed. Moreover, the plants are cleansed and sanitized, thus preventing disease, and adding resistance to winter killing. Strengthened, invigorated and refreshed, they produce a greater number of blooms, enhanced in color, beauty, and size.

MELROSINE is a concentrated liquid insecticide: One gallon will make from 20 to 25 gallons of spray solution, and will care for over 100 rose bushes for the season. The simple directions on every can make it easy to use.

MELROSINE made its great success as a positive remedy for Rose Bugs, for which it is, so far as we know, the only effective preparation. But of course, the less resistant insects succumb still more readily to its deadly power, and therefore you have in

MELROSINE

The One Universal Contact Insecticide

offering all the convenience and economy of having on hand one preparation to combat various sucking insects. It is effective for most species of Plant Lice, Black Flies, Green Flies, Soft Scale Insects, Rose Leaf Hoppers, Saw Flies, Japanese Beetles, Thrips, Red Spiders, Aster Bugs, Mealy Bugs, etc.

Price List of MELROSINE

Gallon Can.....	\$6.00	Quart Can.....	\$1.75
Half-Gallon Can..	3.25	Pint Can.....	1.00
Trial Size.....	50c		

By Mail or Express at purchaser's expense, or the Trial Size sent Postpaid for 60c.

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WILLIAMS SEED CO.

Norfolk, Va.



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INVINCIBLE
ASTER
Pearl Pink.
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One each of the five packets as illustrated above,
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 4—KOCHIA, or BURNING BUSH. Pkt. 10c; $\frac{1}{4}$ oz. 75c.
 5—MARVEL OF PERU, or FOUR O'CLOCKS. Pkt. 10c; 1 oz. 25c.

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